

the
TOOL ENGINEER
suppliers directory issue

JUNE 15, 1960



AMERICAN SOCIETY OF TOOL AND MANUFACTURING ENGINEERS

FROM FAIR STREET

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spiramatic jigmils[®]

available with
diatrol[®] PAT. PEND.
direct dial dimensioning
and
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numerical
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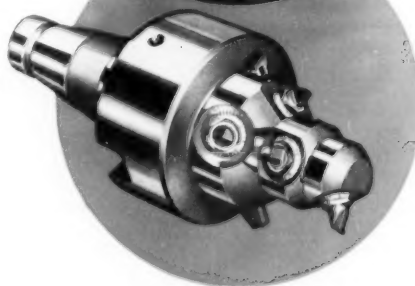
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The first grinder in its field able to grind tool profiles geometrically correct to gage room accuracy.



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The complete tooling system with over 300 Standard Single Point Tool Applications from stock including Carbide, Ceramic and High-speed Steel Tips • Special Cluster Tooling • Flash-Change Tooling • Microface Adjustable Blade Facing Heads • Microbore Tooling with Kendex "throw-away" Inserts • Ceramic Tipped Cutting Tools.



DEV LIEG MACHINE COMPANY, FAIR STREET • ROYAL OAK, MICHIGAN

the tool engineer

Vol. 44, No. 7

JUNE 15, 1960

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 Competition is Healthful *By John W. Greve*

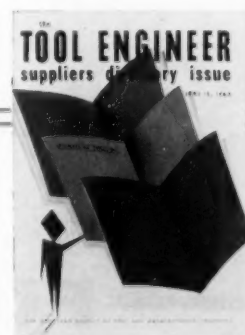
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THE TOOL ENGINEER is regularly indexed in the *Engineering Index Service* and *Applied Science & Technology Index*. The magazine is available to libraries and other institutions in microfilm form.

More Milling Possible... Milling More Profitable with **FUTURMILL**

and a handful of carbide blades



Futurmill's indexable milling cutters converted so many **slow and expensive** machining methods to **fast, low cost** operations, that they established the value of "indexable tooling" . . . recognized as one of today's most important contributions to metalworking progress.

1. Lower cost metal removal

Futurmill takes the burden out of milling with inexpensive indexable carbide blades. No need to remove the cutter from the machine . . . no more cutter grinding and no more delays and lost production time. Index a Futurmill quickly and accurately, right on the machine. Eight times per blade with negative rake cutters and four times with positive. Futurmill's precision ground blades get the finest finish obtainable and more metal removed per cutting edge.

2. Plenty of muscle for any job

The cutter body is a solid one piece construction of heat treated alloy steel . . . not only the most rigid cutter built . . . but precision built.

3. Protection for the cutter body

The case hardened wedges behind the blades absorb the damage in case of an accident and save the cutter body . . . cutting down expense and lost production time for cutter repair or replacement . . . reducing inventory investment. With just a few extra wedges you're back in production.

4. Unobstructed chip clearance

Huge chip pockets in front of the blades direct the chips **out and away** from the cut—critical on steel applications and on deep cuts.



Standard cutter sizes 2" to 24" diameters—positive or negative rakes. Cutters for special applications.

FUTURMILL, INC.

6360 Highland Road • Pontiac, Michigan

In Canada: P.O. Box 95, Dundas, Ontario

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Executive Secretary

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Editorial & Business Offices

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Competition Is Healthful

As a nation we firmly believe in the free-enterprise system and the benefits derived from competition. When it comes to competition from foreign markets, we often cry in panic for protection if that competition affects the sale of a product we make.

Protective tariffs and emotional preferences for domestic products are then demanded of the nation and of the public to minimize the bite of a foreign product. Traditionally, domestic competition has been beneficial because, when a bite hurts, the bitten person does something about his situation before another bite becomes worse or even fatal. For instance, he can eliminate extravagant or outmoded production methods to reduce costs or he can improve his designs to create a preference in the mind of the buyer. Many other solutions to the problem could effect the desired result. Whatever path he follows, however, the customer and the public profit.

When competition involves a foreign product, more factors of cost become critical. As an example, cost of labor and productivity take on added significance. To be effective, management, engineering and labor must coordinate. We cannot tolerate ineffective labor practices any more than we can condone ineffective engineering.

Last year, many firms that built abroad were content to compete for foreign market. This year, some firms are already importing products built by themselves to compete with domestically built counterparts. Next year, those same companies may feel compelled to compete with themselves. Before that happens, let us hope we can correct the imbalance.

Tool and manufacturing engineers know how to do their part. They always have. Now, they have an additional responsibility: to help the other partners in our industrial team to be efficient. No one can continue to get something for nothing without letting someone else pay the bill.

EDITOR

WHATEVER YOUR CHUCKING PROBLEM

Cushman has the Answer

Cushman, A World Standard for Precision, manufactures a complete line of Air and Manually Operated Chucks to meet the work-holding requirements of modern machine tools.

Whatever your chucking problem, Cushman has the answer . . . it may be one of the standard chucks briefly listed below, or a special chuck designed and engineered specifically for one or more complex machining operations. Cushman has a tremendous background of experience in solving chucking problems such as those recently encountered in machining jet engine components. This experience is always at industry's service, through Cushman's Engineering Department. Consult Cushman for the answer to your chucking problem.

AIR OPERATED CHUCKS AND CYLINDERS

ALUMINUM BODY CHUCKS

Styles: 2 and 3-jaw.
Sizes: 6" to 15".

ACCRALOCK* SERRATED ADJUSTABLE JAW CHUCKS

Styles: 2, 3 and 2-3 jaw.
Sizes: 8" to 24".

MANUFACTURING CHUCKS

Styles: 2, 3 and 2-3 jaw.
Sizes: 8" to 24".

SCREW ADJUSTABLE JAW CHUCKS

Styles: 2 and 3-jaw.
Sizes: 8" to 24".

COMPENSATING JAW CHUCKS

Styles: 2 and 3-jaw.
Sizes: 8" to 15".

TWO-JAW GIB-TYPE AND ROUND BODY CHUCKS

Styles: Gib-Type — 8 1/4" to 18".
Round Body — 6" only.

COLLET CHUCKS

Styles: 3 and 4-jaw.
Holding capacity: 1 3/8" to 5 1/4".

ROTATING AIR CYLINDERS

Styles: Aluminum Body High
Speed — sizes 3 1/4" to 14".
Iron Body — sizes 8" to 20".

Also Accessory Equipment for operation and control of Air Operated Chucks and Cylinders.

* Reg. T.M.

CUSHMAN JET AIRCRAFT AND MISSILE CHUCKS

A Cushman answer to a particularly difficult problem, these chucks were designed for machining jet engine and missile components of small cross section without strain or distortion. A typical example of Cushman engineering. Bulletin on request.

MANUALLY OPERATED CHUCKS

INDEPENDENT CHUCKS

Styles: 4-jaw Light, Medium and Heavy Duty. Sizes: 4 1/2" to 36".

SELF-CENTERING CHUCKS

Styles: 2, 3 and 4-jaw, Light, Medium and Heavy Duty.
Sizes: 4" to 28".

COMBINATION CHUCKS

Styles: 3 and 4-jaw, Medium Duty.
Sizes: 8" to 18".

COLLET CHUCKS (Nose Type)

Collet styles: Round, Hexagonal or Square.
Holding capacity: 1" to 3 1/4".

ACCRA-SET CHUCKS

For ultra-precision chucking.
Sizes: 6", 8", 10", 3 or 6-jaw.

AIR-TIGHT CHUCKS

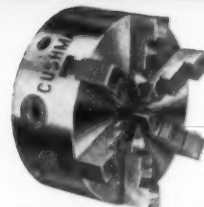
For wet or dry grinding.
Sizes: 10" min., 3-jaw.

THE CUSHMAN POWER WRENCH

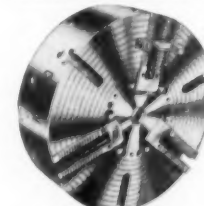
For opening and closing jaws on heavy chucks . . . constantly exerts predetermined uniform pressure. Reduces operator fatigue and speeds production. Bulletin Nos. 211D and 216 sent on request.

Catalogs No. PO-65 and No. 67 fully describe the chucks listed above and will be sent on request.

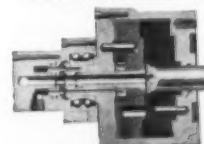
Special chucks and larger sizes on application.



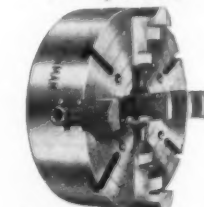
Accra-Set Chucks



Accralock Chucks



Air Cylinders



4-Jaw Independent Chucks



3-Jaw Self-Centering Chucks



Power Wrench

11CS57

THE CUSHMAN CHUCK CO.
806 WINDSOR STREET, HARTFORD 2, CONN.



Suppliers Directory

... a complete
information service on products
listing manufacturers
and their sales offices

THE SUPPLIERS DIRECTORY, published in this issue, is a highly productive tool operated in a matter of minutes with a minimum of effort. In the months ahead its value will become increasingly evident as tool and manufacturing engineers throughout the country discover by daily use that this is no ordinary directory but a reference book, custom-made for their needs.

The success of the 1959 issue has proved the usefulness of the Suppliers Directory. A survey of ASTME membership reaction to that directory showed it to be a quick, reliable source of pertinent information. Company owners, presidents, managers, purchasing agents and engineers such as manufacturing, plant, process, project, production and tool, all found the directory useful in their respective positions.

Color-coded and interrelated, the three directory sections enable the user to proceed simply and logically from product to manufacturer to source of supply nearest at hand. Here he can obtain immediately the engineering information which, otherwise, might take weeks or months to find.

The products section, color-coded blue, brings to the finger tips of tool and manufacturing engineers a listing, as complete as possible, of the products with which they specifically are concerned. Over 1400 product headings and numer-

ous cross references make sure that the desired product is found without time-consuming, troublesome searching.

The yellow section provides the names, addresses and telephone numbers of the manufacturers of products listed in the blue pages. Basic in this section are the coded listings of these manufacturers' local sales offices; by supplying a state and number they lead to the pink pages of the directory where nearly 20,000 distributors, branch offices and other local outlets are listed according to state and city. After repeated use directory owners will become so familiar with the range of sales office numbers in their locality that by just a glance at the coded listing they will know if a particular manufacturer maintains an outlet in their area.

In each directory section—Products, Manufacturers, Sales Offices—clarity and precision are the watchwords of content and arrangement. The content is authoritative because it is obtained direct from the manufacturer; it is up to date because it is all new and original material. The alphabetical arrangement is as simple as ABC.

How to follow the convenient step-by-step procedure for using this directory is explained on the next two pages. A thorough inspection of the procedure outlined will assure maximum production from this useful and efficient tool.

how to use the



PRODUCTS

CHUCKS, DIAPHRAGM

A & C Engrg. Co. Inc.
Erickson Tool Co.
Garrison Machine Works Inc.
Sheffer Collet Co.
Speedgrip Chuck, Div. Ernest
Holdeman & Collet Inc.
Sutton Tool Co.
Woodworth Co., N. A.

CHUCKS, DRILL

AMF Tool Div., Amer. Machine
& Foundry Co.
Alina Corp.
B & W Precision Products Corp.
Beaver Tool Co.
Beaver Tool & Engrg. Corp.
Black & Decker Mfg. Co., The

Lindgren & Sons Machine Inc.
M & M Tool & Mfg. Co.
Norton Co., Abrasive Div.
Powergrip Inc.
Rogers & Co. Inc., Samuel C.
S-P Mfg. Corp., The
Skinner Chuck Co., The
Speedgrip Chuck, Div. Ernest
Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Sterling Grinding Wheel Co.
Taft-Peirce Mfg. Co., The
Thompson Mfg. Co., Earl A.
Union Mfg. Co.
Woodworth Co., N. A.

CHUCKS, INDEPENDENT-JAW

Alina Corp.

CHUCKS, MAGNETIC

Acme Tool Corp.
Alina Corp.
B.S.A. Tools Ltd.
Bald Eagle Corp.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Hanchett Magna-Lock Corp.
Magna-Lock Inc.
L-W Chuck Co.
M & M Tool & Mfg. Co.
Magnetic Holding Devices
Montgomery & Co. Inc.
Multifinish Mfg. Co.
Penn Scientific Products Co.



MANUFACTURERS

A & C ENGINEERING CO.

12024 E. 9 Mile Rd.
Warren, Mich.
Phone: SL 8-6520-21-28
Ariz. 93—Cal. 49, 1088, 1486, 1651
—Colo. 166—Ill. 467, 1224—Ind. 3
—Mass. 593—Mich. 857, 1377—
N. Y. 623—Ohio 110, 305, 786—Pa.
468, 980—R. I. 3—Tex. 101—Wash.
218—Wis. 280

A. I. T. DIAMOND TOOL CO.

8221 N. Kimball Ave.
Skokie, Ill.
Phone: OR 5-5070
Ala. 119, 196—Ariz. 37, 83, 118—
Cal. 51, 133, 431, 876, 1364—Colo.
58—Fla. 15, 184, 321—Ind. 290—
Iowa 4—Ky. 130—Md. 120, 202—
Mass. 86—Mich. 134, 890—Minn.

Mich. 51, 103, 481, 588, 675, 1253
Mo. 162, 457, 473—N. J. 510—N. Y.
1154, 1424—Ohio 617, 663, 1517—
R. I. 24—Wis. 356

ABRASIVE DRESSING TOOL CO.

14528 2nd Blvd.
Detroit 3, Mich.
Phone: TO 8-6000
Conn. 224—Ill. 24, 1083—Ind. 184
—Mass. 346—Mich. 390, 1026, 1089
—N. Y. 364, 626, 1404—Ohio 1186,
1362—Pa. 231, 943, 1200—Wis. 28

ACC-U-MAT MACHINE CO.

40 Exchange Pl.
New York 5, N. Y.
Phone: DI 4-6328
Ala. 94—Cal. 687—Conn. 508—Ill.
168—Kan. 123—Mich. 614—N. J.

ACME INDUSTRIAL CO.

200-222 N. Laflin St.
Chicago 7, Ill.
Phone: MO 6-4122
Ala. 155—Colo.—19—Conn. 334—
Fla. 384—Ill. 1093, 1200—Ind. 372,
549—Iowa 24—Ky. 114—Mass. 358
—Mich. 705—Minn. 231—Miss.
138, 487—Neb. 12—N. J. 506—
N. Y. 196, 685, 1291, 1535—N. C.
247—Ohio 378, 690, 1186, 1566—
Pa. 554, 768—Tex. 695, 904—Wash.
226—Wis. 415

ACME INDUSTRIAL PRODUCTS, INC.

111 E. 12 Mile Rd.
Madison Heights, Mich.
Phone: VO 4-6875
Ariz. 49—Cal. 847—Ga. 82—Ill.



SALES OFFICES

RHODE ISLAND

AUBURN

1. Wheeler Handling Equip.
43 Blackmore Ave.
Phone: HO 1-5306

CRANSTON

2. Cranston Welding & Supply
Co.
1425 Park Ave.
3. Gaskill & Assoc., David M.
761 Park Ave., Box 3575
(10)
Phone: HO 7-8061
4. Morris Co., Robert E.
30 Hayward St.
Phone: HO 1-2256
5. Revere Copper & Brass Inc.
30 Midway Rd. (10)
Phone: WI 2-1900

CUMBERLAND

6. Carten, Clifford
11 Thomas Leighton Blvd.
(3)

28. Bellows-Valvair
1478 Broad St. (5)
Phone: ST 1-4010
27. Bethlehem Steel Co.
Industrial Bank Bldg.
111 Westminster St. (3)
Phone: DE 1-5902
25. Brian Supply Co.
111 Chestnut St. (3)
Phone: GA 1-8300
29. Bridgeport Brass Co.
177 Georgia Ave. (5)
Phone: WI 1-2100
30. CSA
141 Carolina Ave. (5)
P. O. Box 2096
Phone: ST 1-4141-2-3-4
31. Carpenter Steel Co., The
66 Dudley St. (5)
Phone: DE 1-5769
32. Cassiere Machinery Co.
249 Washington St. (3)
33. Chase Brass & Copper Co.
66 Branch Ave. (1)
Phone: DE 1-2300
34. City Hall Hardware Co.

39. Merriam Co., Paul A.
P. O. Box 2086 (5)
Phone: HO 3-8772
80. Miller Co., William F.
80 Sprague St. (7)
Phone: DE 1-0838
61. Oakite Products Inc.
P. O. Box 1431 (1)
Phone: JA 1-6639
62. Pearce-Pearson Co.
420 Industrial Trust Bldg.
(3)
Phone: GA 1-2557
63. Perfecting Service Co.
916 Industrial Bank Bldg.
(3)
Phone: UN 1-3747
64. Providence Mill Supply Co.
399 Charles St. (1)
P. O. Box 1465
Phone: TE 1-7800
65. Rayhill & Green Supply Co.
84 Ship St.
Phone: TE 1-7450
66. Read & Lundy Inc.
215-217 Chapman St. (5)

Suppliers Directory

PRODUCTS

The blue section of this directory lists alphabetically over 1400 products that are recommended, specified and used by tool and manufacturing engineers. Product headings are as specific as physical limitations permit and are amply cross-indexed. Under each product is an alphabetical list of manufacturers who make that product. Having located a given product in the blue section, the directory user can obtain the addresses of the manufacturers of that product as well as coded listings of their suppliers from the yellow pages of this directory. In the example at the left the directory user has located the product heading Chucks, Diaphragm. He selects the manufacturer A & C Engineering Co. and turns to the yellow pages to find this manufacturer's listing.

MANUFACTURERS

The yellow section, like a telephone directory, is an alphabetical list providing the name, address and phone number of over 2250 manufacturers of the products identified in the blue section. Below each manufacturer's name, address and telephone number appears a coded listing of his sales outlets, geographically arranged. If no sales office listings are furnished, a notation advises the inquirer to contact the manufacturer direct. Because the coded listing denotes the state and number of each sales office, it enables the user to refer to the listing of the local distributor in the pink section of this directory. In the example at the left the directory user has found the listing for A & C Engineering Co. in the yellow pages. He decides that their Rhode Island outlet is closest to him and turns to the pink pages to look up Rhode Island where No. 3 will be listed in numerical order.

SALES OFFICES

The pink section is a geographically arranged list of nearly 20,000 distributors, representatives, branch offices and agents who handle the products of the manufacturers listed in the yellow section. It provides the mailing address, postal zone number (in parentheses) and phone number of each local outlet. Primarily, the section is divided into an alphabetical list of the states; under each state heading, cities are listed alphabetically; and under each city heading, sales offices are listed alphabetically. The number preceding each distributor listing is the key by which the user can identify a particular sales office with the manufacturer. Within each state, these numbers begin with No. 1 and run consecutively throughout each state. Canadian sales offices are listed separately, following the United States listings. In the example at the left the directory user has looked up Code number R. I. 3 to locate a sales outlet of A & C Engineering Co. in his locality. Now he can telephone David M. Gaskill & Assoc. to obtain the necessary information on diaphragm chucks made by A & C Engineering Co.

WINTER ROCKET* TAPS

FOR CHIPLESS
FORMING OF
INTERNAL THREADS

*Patent No. RE. 24,572

PLUG STYLE



BOTTOMING STYLE



WINTER

Winter Brothers fluteless 'Rocket' Taps produce superior internal threads in materials such as aluminum, brass, copper, ductile steel and die castings by chipless forming rather than by cutting. Resulting threads are extremely accurate with an excellent burnished finish and maximum strength characteristics.

Because 'Rocket' Taps actually displace metal without removing it, no chips are formed to clog flutes and cause tap breakage. Blind hole tapping is easier, faster. The absence of a cutting action virtually eliminates resharpener and assures longer tool life. A stronger thread structure is

produced by compression and hardening of the metal without breaking surface fiber grains.

Stocked in all popular tap sizes, 'Rocket' Taps are available in both plug and bottoming styles from your local Winter Distributor. Call him today for complete information on this newest, cost-cutting tool from Winter Brothers. Or, write for our free, informative brochure on 'Rocket' tapping.

WINTER BROTHERS COMPANY • ROCHESTER, MICH.
Distributors in principal cities. Branches in New York
Detroit • Chicago • Dallas • San Francisco • Los Angeles

CHOOSE FROM WINTER'S WIDE LINE OF TAPS, DIES AND GAGES



CALL YOUR
WINTER DISTRIBUTOR

NATIONAL GUN DRILLS*

FOR
QUALITY
HOLES

*Patent No. 2,418,021



National

Target Gun Drills, products of National's intensive research program, permit straighter, deeper drilling to closer tolerances than ever before. A solid core is formed that acts as a continuous center guide in the hole being drilled. Drilling performance and accuracy are vastly improved. **Center-Cut Gun Drills** provide peak cutting efficiency on certain applications such as blind-hole and interrupted-hole drilling.

Gun Drill Shanks, both tubular and solid types, are of special alloy steel heat treated to a tensile strength of 194,000 psi. They provide extra-long drilling life without twist or "wind up", even at higher speeds and feeds.

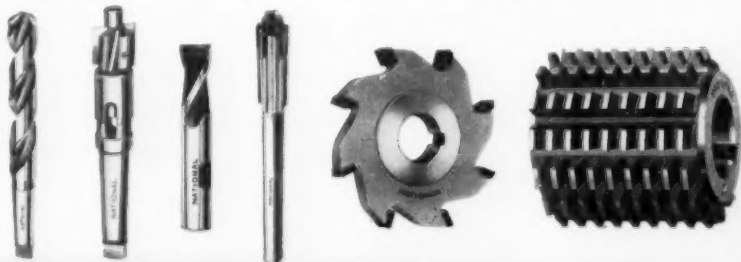
Gun Drills are manufactured in a complete range of standard stock sizes. Cutting heads of high speed steel, with carbide tips, or of solid carbide are available in brazed-on construction, as well as with National's convenient Quick-Change feature for fast resharpening and replacement. Gun Reamers, Controlled Core Gun Drills, Sharpening Fixtures and Point Checking Gages are also manufactured by National, your only source for tools *plus!*

NATIONAL TWIST DRILL & TOOL COMPANY
ROCHESTER, MICH.

Distributors in principal cities. Branches in New York
Detroit • Chicago • Dallas • San Francisco • Los Angeles

*JUST TWO OF NATIONAL'S PARADE OF PLUS PRODUCTS

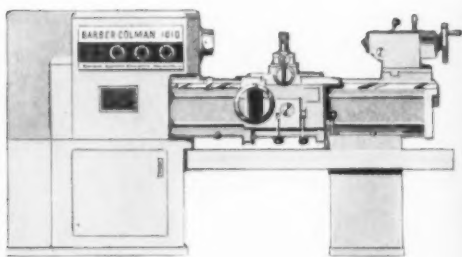
TWIST DRILLS • REAMERS • COUNTERBORES
END MILLS • MILLING CUTTERS • HOBS • GUN DRILLS
GUN REAMERS • CARBIDE and SPECIAL TOOLS



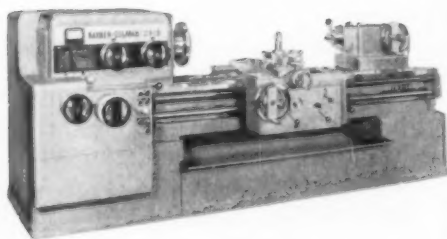
CALL YOUR
NATIONAL DISTRIBUTOR

Tools, methods, and machines

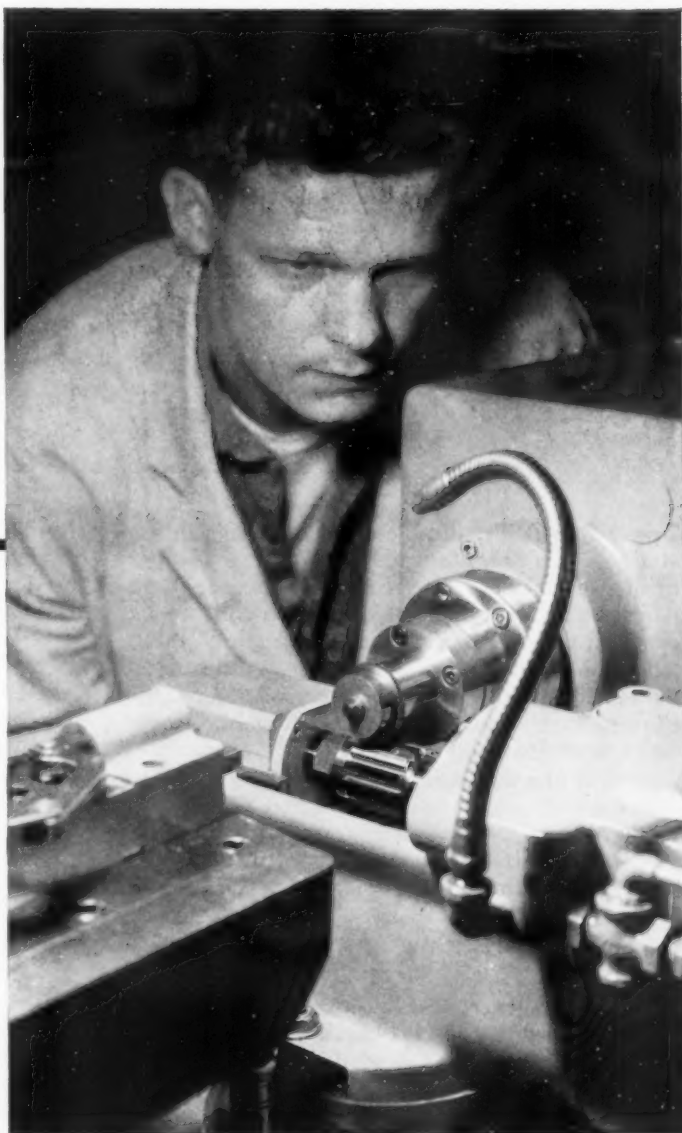
...that reduce costs of milling, hobbing, deburring,
sharpening, turning, and reaming

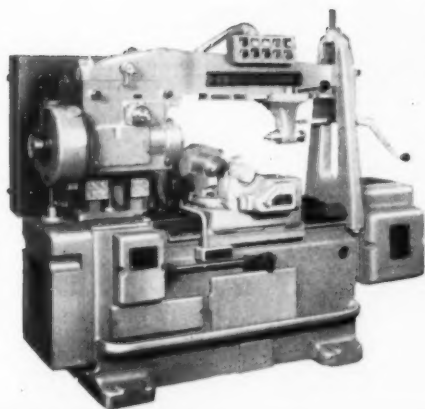


No. 1610FT facing and turning lathe — offers toolroom quality at substantial cost saving for straight turning, facing, and boring. Belt drive assures high surface finish. Has infinitely variable spindle speed with max. of 1500, 2000, or 2500 rpm. Power feed to carriage and cross slide infinitely variable from .079 to 24 in. per min. Completely ground spindle mounted on precision-tapered roller bearings, equipped with automatic thermal compensation to maintain constant load. Capacity: 10 1/4 in. swing over cross slide, and 30 in. center distance (extra lengths in 12 in. increments). Toolroom lathes in sizes of 1307 and 1610 also available.

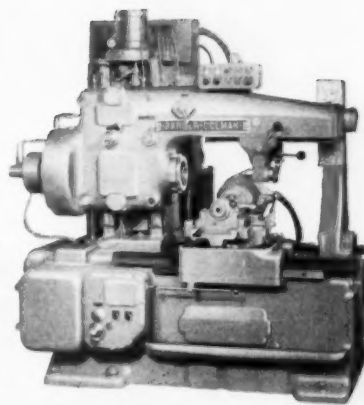


36-speed, precision lathes, Models 2013 and 2516, with up to 25 hp and 2000 rpm spindle speed. Quick-change feeds from .0015 in. to .091 in. Cut 66 threads, 2 to 120 per inch. Heavy-duty two-speed tailstock. Available with tracer.

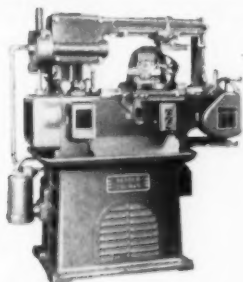




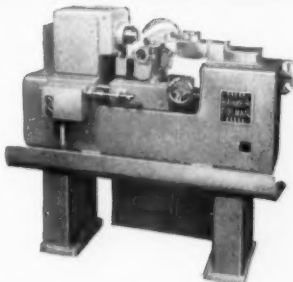
No. 16-18, universal hobs precision spur and helical gears, or splines. Available with automatic hob shifter. Multicycle version offers choice of three automatic cycles — reduces nonproductive time, increases flexibility. Capacity: to 6 DP, 16 in. dia. by 16 in. length. Max. hob dia. is 5 in.



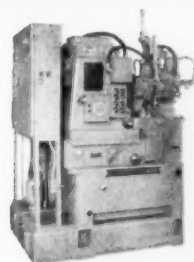
No. 14-15, hydraulic has fully automatic cycle, high power and rigidity for hobbing coarse-pitch gears or splines to close tolerances. Capacity: 3½ DP, 14 in. dia. by 15 in. length. Hob dia. to 6 in. Automatic shifter available. May be tooled at factory for hobbing crowned gears.



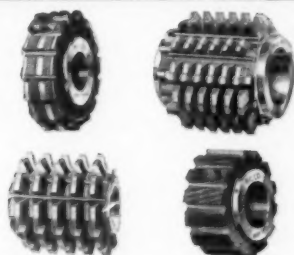
No. 6-10, general-purpose horizontal hobbing machine, for spur and helical gears, splines, and other forms. Capacity: to 16 DP, 6 in. dia. by 10 in. length. Standard or precision models. Special tooling for worms and worm gears.



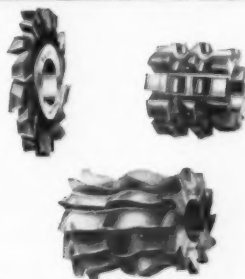
No. 2½-4, spur gear hobbing machine guaranteed to index accurately within 20 sec. of arc. Produces AGMA precision Class 3 gears consistently. Capacity: 30 DP in steel, 2½ in. dia. by 2¼ in. length. Infinitely variable speed.



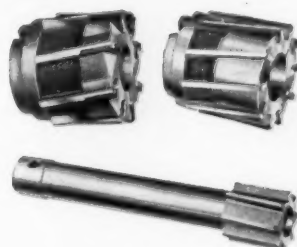
No. 3-6, automatic production hobbing machine for long-run work. Loads, hobs, gauges, and unloads automatically. Equipped with automatic hob shifter and micrometer adjustment for setting center distance. Capacity: to 6 in. length, and 10 DP at max. dia. of 3 in. (steel).



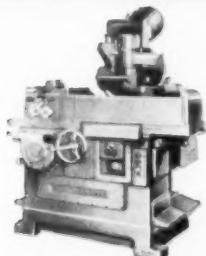
Gear hobs of all types, pitches, and classes, standard or special, ground or accurate unground, fine pitch or coarse, HSS or carbide-tipped . . . for gears, splines, serrations, worms, and worm gears. Complete stock of standards available for same-day shipment.



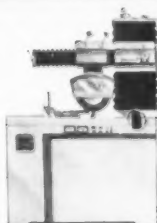
Milling cutters of virtually every type and design, including all standard stock cutters, special profile-type and form-relieved, ground or unground, HSS or carbide-tipped.



Reamers include solid or inserted blade, shell or shank type, oil feed and precision jig boring, HSS, solid carbide, or carbide-tipped blades. Complete design service available.



No. 6-5, hydraulic automatic precision sharpener for HSS or carbide-tipped hobs and form-relieved cutters — straight or helical gashes. Work up to 6 in. dia. and 5 in. face. Produces 10 to 20 microinch finishes. Automatic mechanical feed sharpeners available for 4 in. dia. by 4 in. face, and 10 in. dia. by 12 in. face.



Model 1600, automatic-cycle deburring machine uses a 3M "PG" abrasive wheel for deburring gears and sprockets without layover on tooth profiles or face of gear. Completes operation in seconds. Can be used to produce a small chamfer on complete tooth profile. Wheels easily dressed on the machine. Capacity: up to 16 in. dia. — other machines available for fine-pitch gears or diameters greater than 16 in.

Barber-Colman Company



593 Loomis St., Rockford, Illinois

Our representative

in your area is listed on page 237. Contact him for details and complete specifications on Barber-Colman tools, methods, and machines. Or, if you'd like, call us direct: WO 8-6833.



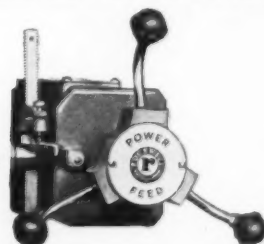
NEW: W-T^{ALKER-TURNER}

20" 'POWER FEED' DRILL PRESSES



combine up-front control
with one-hand operation

Every model in this new W-T "Light-Heavyweight" line (and there are 16 of them to fit your needs) offers a revolutionary new mechanical power feed with performance features **NEVER BEFORE AVAILABLE** on a standard drill press. Now you can do continuous, heavy duty production drilling faster, easier and with greater accuracy.



For unequalled flexibility—front mounted pilot wheel is mechanically integrated with clutch control to provide easy one-hand engagement of power feed; drill point pressure is infinitely adjustable from 0 to maximum capacity of machine; furnishes power and thrust for drilling 1" diameter holes, yet adjusts for use with 1/16" bits.

For unmatched versatility—built-in control permits remote operation and can be electrically, hydraulically or mechanically interlocked with other units or synchronized with automation devices. Operator can utilize four feed ratios, drill manually, mechanically or in combination.

See your **Walker-Turner Distributor** (under "TOOLS" or "MACHINE TOOLS" in the Yellow Pages) for a demonstration. The only way to really appreciate the many outstanding features of these new W-T 20" 'Power Feed' Drill Presses is to see them *in action*. For **FREE** brochure giving specifications and information on how to adapt your present W-T 20" drill presses to 'Power Feed', write: Rockwell Manufacturing Company, Walker-Turner Division, Dept. WF-26, 400 N. Lexington Ave., Pittsburgh 8, Pa. In Canada: Rockwell Manufacturing Company of Canada, Ltd., Guelph, Ontario.

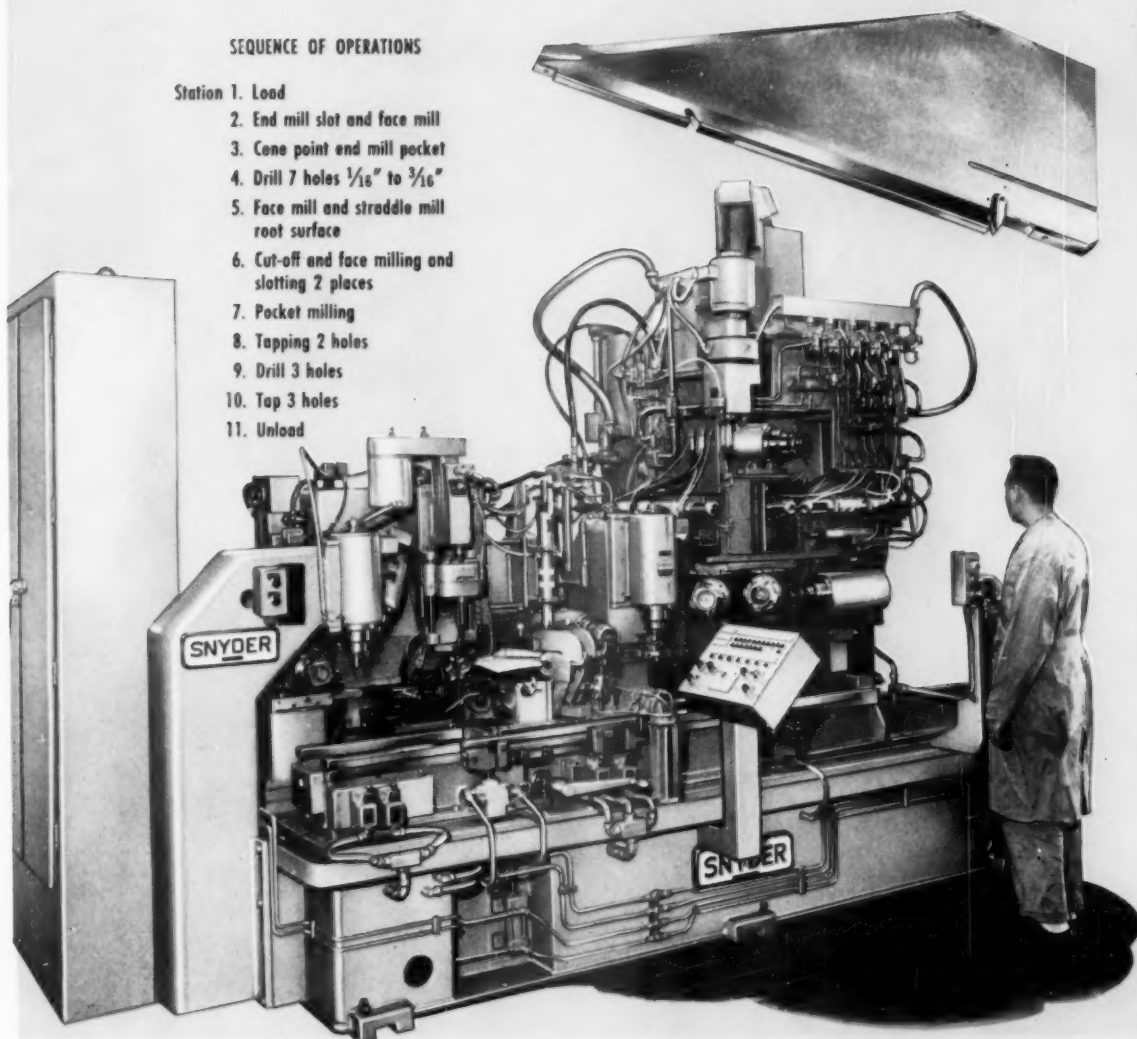
Use Reader Service Card, CIRCLE 9

WALKER-TURNER
"LIGHT-HEAVYWEIGHT" MACHINE TOOLS
another fine product by
ROCKWELL 

SEQUENCE OF OPERATIONS

Station 1. Load

2. End mill slot and face mill
3. Cone point end mill pocket
4. Drill 7 holes $\frac{1}{16}$ " to $\frac{3}{16}$ "
5. Face mill and straddle mill root surface
6. Cut-off and face milling and slotting 2 places
7. Pocket milling
8. Tapping 2 holes
9. Drill 3 holes
10. Tap 3 holes
11. Unload



COMPLEX MISSILE WING GETS 24 PRECISION OPERATIONS IN SPECIAL SNYDER PROGRAMMING TOOL

at Martin Company's Baltimore Division

Production rate, tolerances and part configuration dictated the fundamental design concept of this exceptionally compact tool which has 11 stations and performs 24 operations.

The cycle can be automatic, semi-automatic or manual. Controls for multiple cycle operations are provided by utilizing basic circuits triggered by a programming control device.

SNYDER CORPORATION

(Formerly Snyder Tool & Engineering Company)

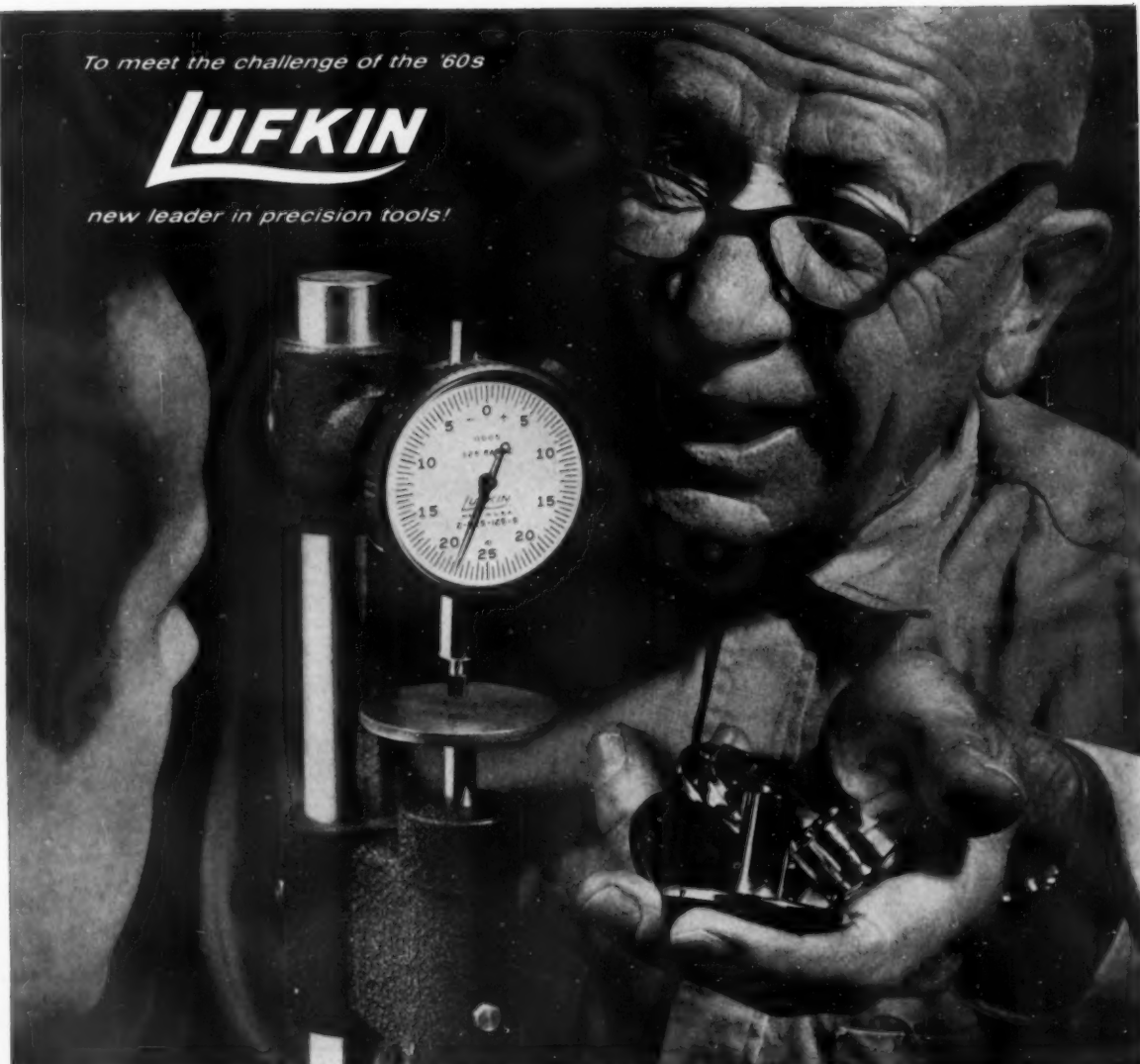
3400 E. LAFAYETTE—DETROIT 7, MICHIGAN

Phone: LO 7-0123

To meet the challenge of the '60s

LUFKIN

new leader in precision tools!



**The fabulous '60s, with tremendous technological advances predicted, will require this type of perfectionist precision tool . . . and, son—

Here's why Lufkin indicators stay on the job!"

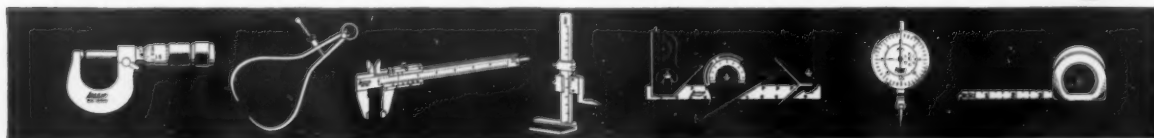
You'll seldom see them in the repair shop, because Lufkin dial-test indicators are made with one-piece forged-brass bodies. Movements are inserted from the top. So dirt *can't* get inside!

No die castings are used for any moving parts. The pivots, gears, racks and pinions are made of stainless steel for rust and wear resistance. Full jeweled or plain bearings. All Lufkin indicators are designed to AGD standards. And if it is ever necessary to

repair a Lufkin indicator, the job is "ABC" simple.

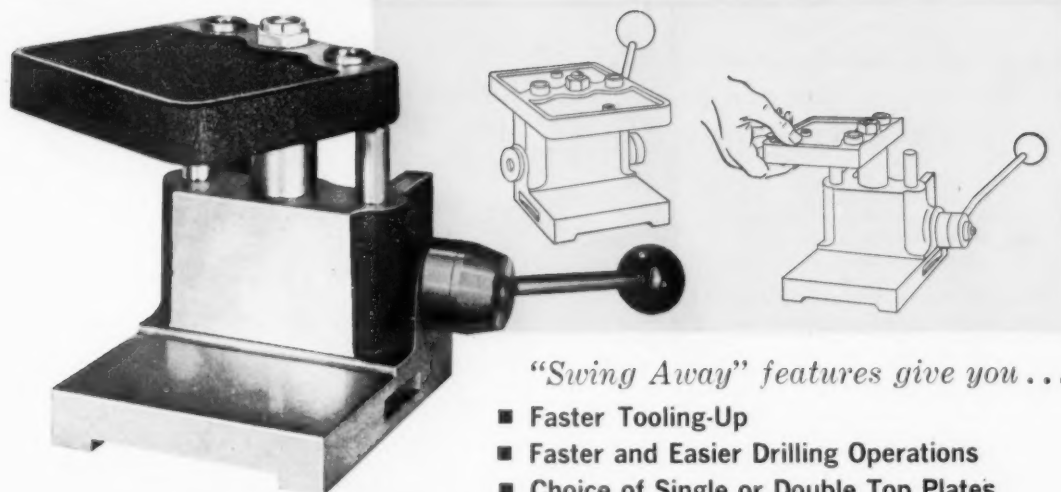
There's variety of interchangeable backs—regular, post, adjustable, screw bracket—and a universal back which permits 180° arcs and 360° turns for unlimited range of indicator settings.

See your industrial distributor. He knows precision tools and can show you how Lufkin leads in design and craftsmanship. His stock is maintained to fit your needs. LUFKIN, Saginaw, Mich.



tool quickly for long or short runs!

ABC LIFT SWING DRILLING FIXTURES

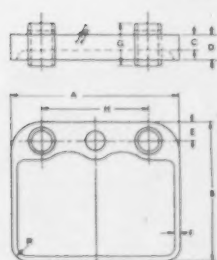


"Swing Away" features give you ...

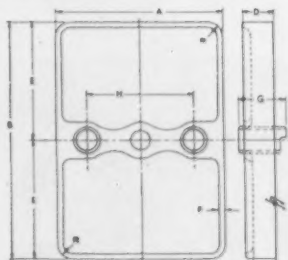
- Faster Tooling-Up
- Faster and Easier Drilling Operations
- Choice of Single or Double Top Plates

INTERCHANGEABLE TOP PLATE ENGINEERING DATA

Top Plate Dimensions



Style 1 Single



Style 4 Double

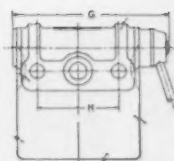
Top Plate Sizes

Top Plate Style	Top Plate Number	A	B	C	D	E	F	G	H	R
1	2201	2 1/2	2 1/2	1/2	1/2	7/16	—	3/4	1 1/2	5/16
4	2204	2 1/2	3 1/2	1/2	1/2	1 1/16	—	3/4	1 1/2	5/16
1	3201	3 1/2	3 7/16	1/2	1/2	1	—	1	2 1/2	3/8
4	3204	3 1/2	5 1/2	1/2	1/2	2 1/16	—	1	2 1/2	3/8
1	4201	4 1/2	3 1/2	1/2	1/2	3/4	1	2 1/2	1 1/2	3/8
4	4204	4 1/2	6 1/2	1/2	1/2	3 1/2	1	2 1/2	1 1/2	3/8
1	5301	5 1/2	5	3/4	1	1	5/16	1 1/2	3 1/2	3/8
4	5304	5 1/2	8 1/2	3/4	1	4 1/2	5/16	1 1/2	3 1/2	3/8

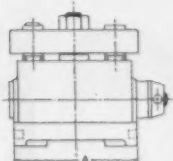
Larger sizes and other style single top plates available.

FIXTURE BASE ENGINEERING DATA

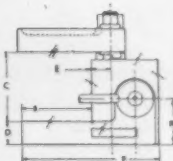
Fixture Base Dimensions



Top View
(Top Plate Removed)



Front View



Side View

Fixture Base Sizes

Lift Swing Base Number	A	B	C	C Shut	C suggested	C Open	D	E	F	G	H	R
2220	2 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1	1/2	3/4	3/4	1 1/2	1 1/2	1 1/2
3220	3 1/2	2 1/2	2	2 1/2	3	1	1/2	4 1/2	5	2 1/2	2 1/2	1 1/2
4220	4 1/2	2 1/2	2 1/2	2 1/2	3 1/2	1	1/2	5	5 1/2	2 1/2	2 1/2	1 1/2
5330	5 1/2	3 1/2	3	3 1/2	4 1/2	1	1	6 1/4	6 1/4	3 1/2	3 1/2	2
5340	5 1/2	3 1/2	4	4 1/2	5 1/2	1	1	6 1/4	6 1/4	3 1/2	3 1/2	2
5350	5 1/2	3 1/2	5	5 1/2	6 1/2	1	1	6 1/4	6 1/4	3 1/2	3 1/2	2

Larger sizes available. For tooling suggestions and complete engineering data write for Catalog LS-60-1.



ACCURATE BUSHING COMPANY

443 North Avenue, Garwood, N. J.

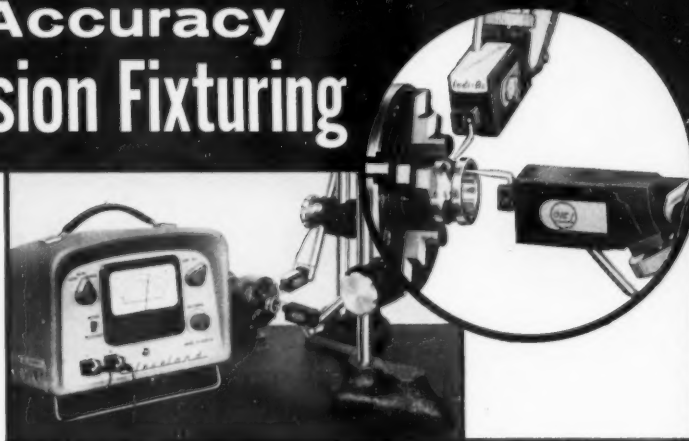
Millionths Accuracy WITHOUT Precision Fixturing

using *Cleveland*
Differential Gaging
Systems

- Measurements to millionths of an inch accuracy are possible without the use of expensive high precision fixturing.

- Differential Gaging techniques greatly simplify the following measurements:

Concentricity
Roundness
Size-Diameter
Taper
Flatness
Profile
Cam Contour
Parallelism
Squareness
Lead Screw Pitch
Wall Thickness
and others



- Proper placement of differentially connected gage heads will cancel out fixturing, part, or environmental errors, such as:

Movement of part, work support or gage heads
Deflection of part, work support or gage heads
Errors in spindles or traverse mechanisms
Wear of fixture or work support

Temperature variations
Airfilm, Warpage
Burrs

- Measurements can often be made under "impossible" conditions—in the production machine—using ordinary mechanical fixturing components—by unskilled personnel.
- Errors due to fixturing or environment 100 times greater than the desired accuracy can be cancelled out. For example: A spindle with .002 T.I.R. can be used to measure concentricity to 20 millionths of an inch accuracy.
- Simple—Inexpensive equipment consists of two identical gage heads and differential input amplifier.

Write for details to:

Precision through Electronics with *Cleveland* INSTRUMENTS

Dimensional gaging by electronic instruments is generally conceded to be the fastest, most accurate and versatile means available.

The superiority of electronic dimensional gages made by The Cleveland Instrument Company has been proven in the laboratory and in production.

Cleveland Instruments combine:
Accuracy with ruggedness
Millionths accuracy with wide range
Flexibility, reliability and low cost

The preferred and master gages in the majority of industrial and Government gage laboratories, The Cleveland Instrument Company leads the field in the sale of electronic dimension gages.

Cleveland gages offer more in the following fields:

DIMENSION

Electronic Indicators
Production Comparators
Gage Block Calibrators

SURFACE MEASUREMENT

Roughness
Profile

RELATIONSHIP

Roundness
Concentricity
Squareness
Parallelism



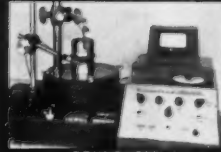
ELECTRONIC INDICATOR



GAGE CALIBRATION



TRANSISTORIZED INDICATOR

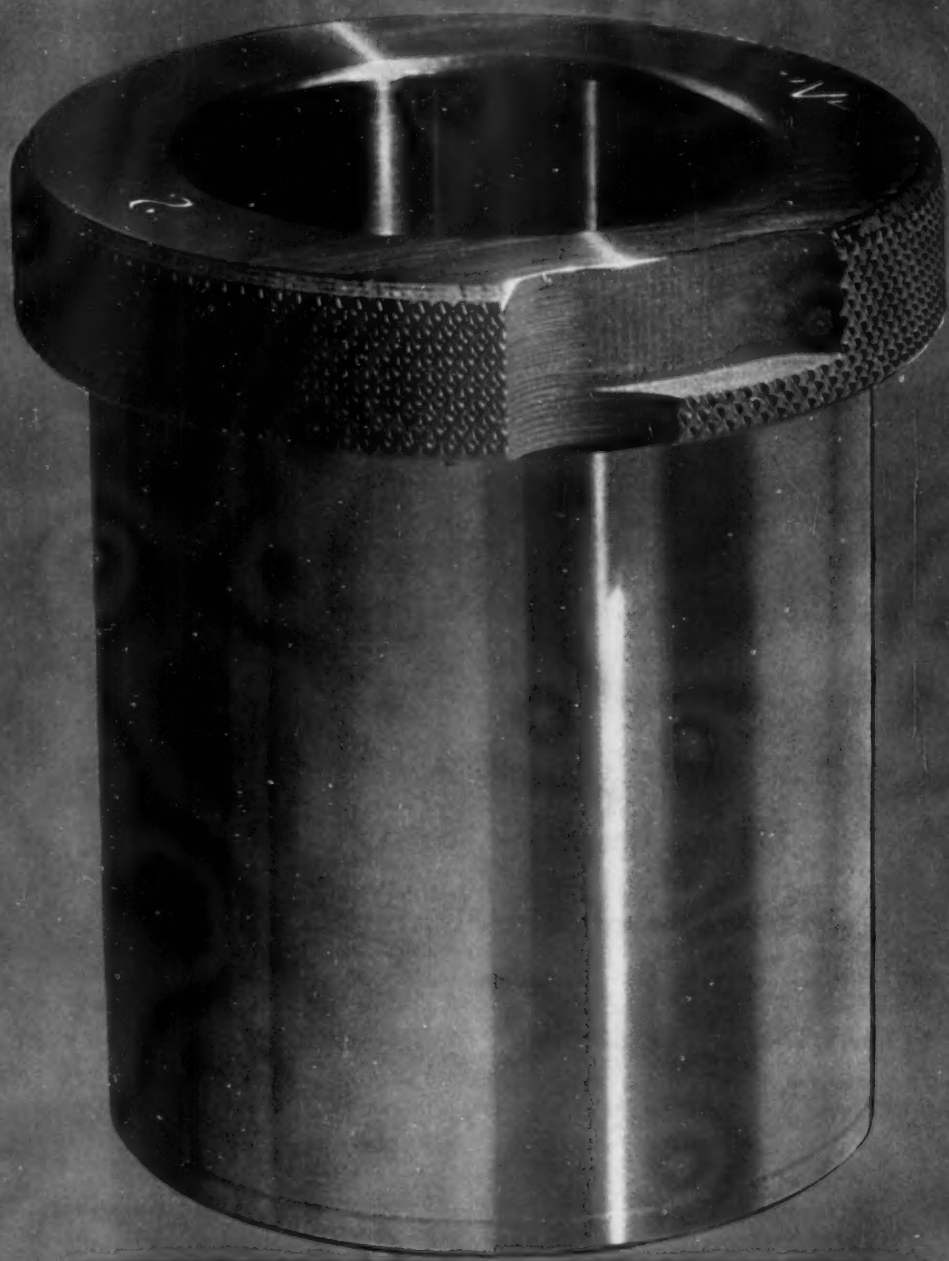


ROUNDNESS



SURFACE ROUGHNESS

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6220 E. Schaaf Rd. • Cleveland 31, Ohio
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You Name the Job...



**A MANHATTAN ABRASIVE WHEEL
WILL REMOVE MORE METAL, FASTER—AT LOWER COST!**

- ROUGHING WHEELS
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- CUT-OFF WHEELS
- DIAMOND WHEELS
- SAFETY BACK FLARED CUPS
- NEW FAST CUT MOLDISCS
- NEW LONG-LIFE MOLDISCS
- NEW SNAGGING WHEELS FOR AUTOMATIC BILLET GRINDING

ARE YOUR NEEDS LISTED HERE?

You Can Get a Manhattan Abrasive Wheel Custom-Designed for Any of These Jobs.

Foundry Snagging—Billet Surfacing	Grinding and Finishing Stainless Steel Welds
Centerless Grinding	Bearing Race Grinding and Finishing
General Purpose Grinding with Portables	Finishing Tools and Cutlery
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Foundry Cutting—Standard and Reinforced Wheels	
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ABRASIVE, GRAIN SIZE, HARDNESS, STRUCTURE, BOND—EVERY WHEEL COMPONENT IS SELECTED FOR YOUR CUTTING AND GRINDING REQUIREMENTS. SEE YOUR MANHATTAN ABRASIVE WHEEL SPECIALIST.

**SPECIFY MANHATTAN FOR MORE
OUTPUT PER MAN HOUR—**

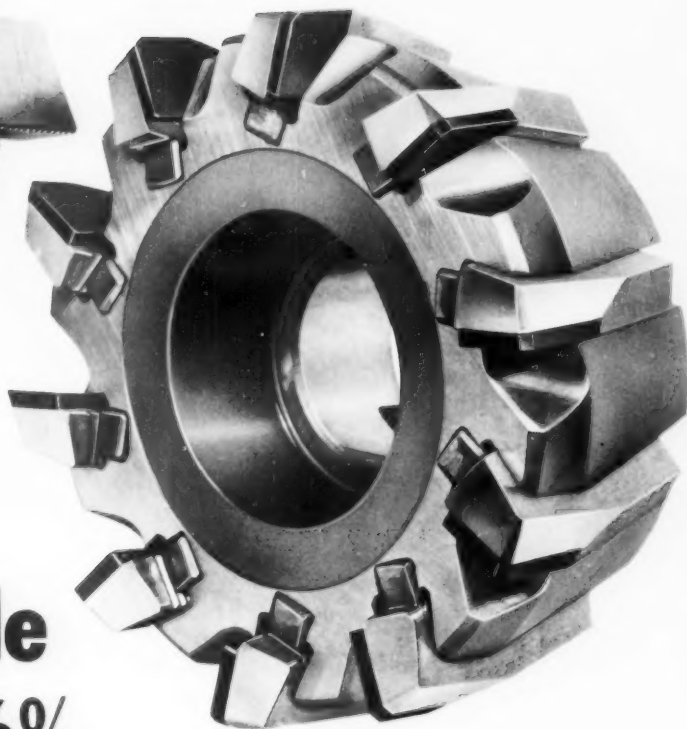
"MORE USE PER DOLLAR"

RM1068

ENGINEERED
RUBBER
PRODUCTS
..."MORE USE
PER DOLLAR"



WRITE TO DIAMOND WHEEL DEPARTMENT
**MANHATTAN RUBBER DIVISION—PASSAIC, N.J.
RAYBESTOS-MANHATTAN, INC.**



New WESSON Blade Boosts Life 36%

A new blade which provides an automatic average increase of 36% in blade life when milling such metals as cast iron, aluminum, magnesium or steel is now available for all Wesson Rigidcut series 5200, 5400 and 5500 milling cutters.

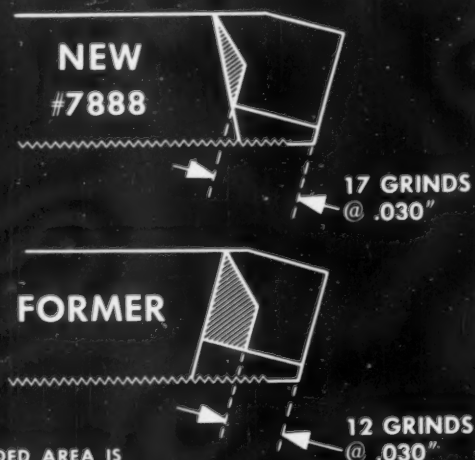
Assuming that .030 in. is removed per grind, a total of 17 regrinds is possible with the new design as compared with an average of 12 regrinds on the former blade. There is also less carbide left to be scrapped when the blade is "worn out."

The new blades (series 7888) are being made available by Wesson at no increase in cost and may be used, without change, in existing series 5200, 5400 and 5500 Rigidcut milling cutters.

All three series of cutters are available in cutting diameters ranging from 4 in. to 32 in.

Blades are available for either RH or LH cutters.

More grinds and a minimum of carbide waste when "used up" characterize the new Wesson blade for Rigidcut milling cutters.



SHADED AREA IS
UNUSED CARBIDE

FOR FURTHER INFORMATION, CIRCLE READERS' SERVICE CARD A-1



Throwaway Insert Cutters Adjustable for First Time

Milling cutters for throwaway carbide inserts with each insert individually adjustable to tenths of a thousandth are now available for the first time. The new development permits the use of throwaway inserts with commercial tolerances without face run-out, and allows cutters to be used for finishing as well as roughing, if desired.

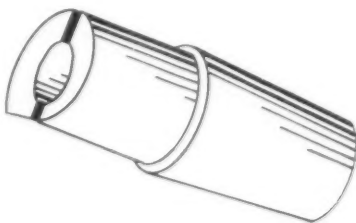
This major breakthrough in the use of throwaway inserts for milling is made possible by an extremely simple device. The axial support for each insert is a cam shaped pin which is taper-locked in position into the

cutter body. To advance or retract the insert, a differential screw holding the pin in the cutter body is loosened. The pin is then turned the exact amount desired of insert advance, and the pin is again locked with the screw.

Total adjustment range is .030 in. for each insert, thus allowing for practically any combination of tolerance variations in a milling cutter assembly.

The milling cutter with the new adjustable pin is available as standard in a majority of lead angles and diameters ranging from 5 inches up.

For details, ask for Bulletin #358



To adjust a blade, the blade lock is loosened and the taper lock pin released by turning the screw within the taper lock pin. The pin with its uniform-rise cam seat is then rotated for the desired amount of advance, and pin and blade locks are tightened again.

FOR FURTHER INFORMATION, CIRCLE
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TOOL NEWS

carbide

*Which do
you need?*



**Bulletin
MF-260**
Complete Prices
and
Specifications



**Bulletin
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For Throwaway
and Slug Type
Inserts



**Bulletin
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Micro-Adjustable
and Fixed,
Single and
Multiple



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End Mills,
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**Bulletin
No. 358**
Covering
Throwaway and
Rigidcut Milling
Cutters

*All literature requests should
be on company letterhead*

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tools
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93 Judge Road, Toronto 18, Ontario

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Don't Settle for less
than these "ten" CARR-LANE
STAR PERFORMERS

most are new—some are old friends
—all are ready to save you
time and money



★
NOB SHOE ASSEMBLY
Perfect Seating
Threaded ball permits easy removal of shoe



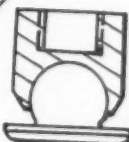
★
PRECISION MADE
ECCENTRIC LEVELING LUGS
by turning the eccentric pad is brought in line



★
DOUBLE END JIG FEET
best yet!

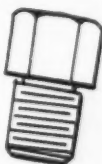


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cast iron blue dipped laquer finish



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SWIVEL PADS
will not mar workpiece

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Carb. Hardened 16 Sizes



★
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MILL FIXTURE KEYS



23
Sizes of each style
BODIES FOR SWIVEL SCREWS



Interchangeable Swivel Feet



SWIVEL FEET
interchangeable on bodies

WRITE FOR CATALOG
INCLUDES STAINLESS STEEL PARTS

CABLE ASSEMBLIES OR PARTS
Any length won't kink like chain

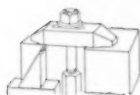


★
YOU CAN'T MISS

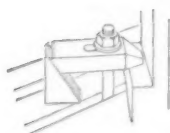
MANUFACTURING CO.
4200 Krause Court • St. Louis 19, Mo.

Northwestern's NEW ITEMS

NEW ALUMINUM STEP BLOCKS INTERCHANGEABLE WITH STEEL STEP BLOCKS



USED WITH PLAIN CLAMPS



USED WITH STEP CLAMPS

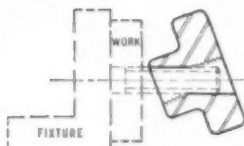
QUICK-ACTING HAND KNOBS



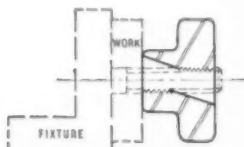
CAST IRON
FIVE THREAD SIZES
1/4-20 THRU 1/2-11



ALUMINUM
FIVE THREAD SIZES
1/4-20 THRU 1/2-11



TILT KNOB AND IT WILL
SLIDE IN AND OUT



STRAIGHTEN KNOB AND THREADS
WILL ENGAGE FOR CLAMPING



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ROCKFORD—Jonco Tool Specialties, 1116 24th St., WO 2-3458
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INDIANAPOLIS—Kenneth J. Galm Co., Inc., 46 S. Capitol Ave., ME 4-3467
RICHMOND—Richmond Industrial Supply Co., 183 Ft. Wayne Ave., 2-3013
SOUTH BEND—Powell Tool Supply, Inc., 1338-40 Mishawaka Ave., AT 9-5578
- IOWA**
CEDAR RAPIDS—Allen Supply Co., Inc., 221 Third Ave., S. W., EM 3-3532
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WICHITA—Dorow Machine Tools, 311 S. Pattie, HO 4-8304
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LOUISVILLE—Lewis Industrial Supply Co., 5755 Preston Hwy., WO 9-1323
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AUBURNDALE—Kenneth M. Crosby Co., Box 42, 421 Lexington St., LA 7-3103
SPRINGFIELD—Standard Industrial Supply Co., Inc., 246 Chestnut St., RE 9-6981
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GRAND RAPIDS—Darcy L. Baird Co., 1015 Orchard Ave., S. E., CH 3-1912
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MINNEAPOLIS—Walter R. Hammond Co., 1419 Washington Ave., S., FE 8-8945
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- NEW YORK**
BROOKLYN—Continental Cutter Supply Co., 5402 Fourth Ave., HY 2-6357-8-9
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DAYTON—Dayton Supply & Tool Co., 520 E. First St., BA 2-6355
NEWARK—Lucas Supply Co., First and Market Sts.
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DALLAS—Bill Lindsay Machinery Co., 601 W. Commerce St., RI 7-1521
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HOUSTON—Rex Supply Corp., 3715 Harrisburg Blvd., Box 156, CA 2-2251
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Conventional methods and equipment are used, except for change to larger tap drill sizes.



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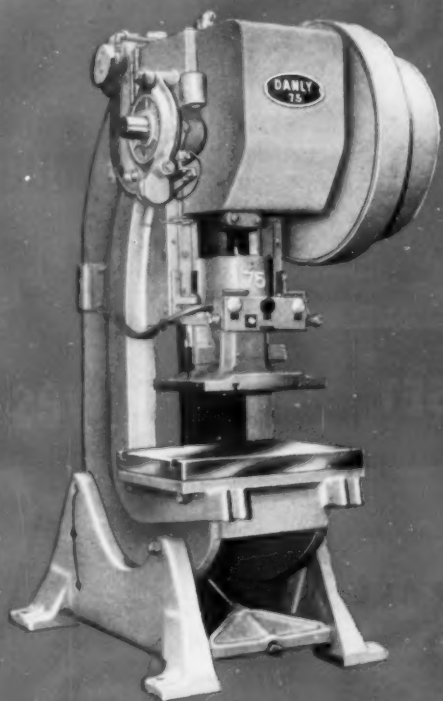
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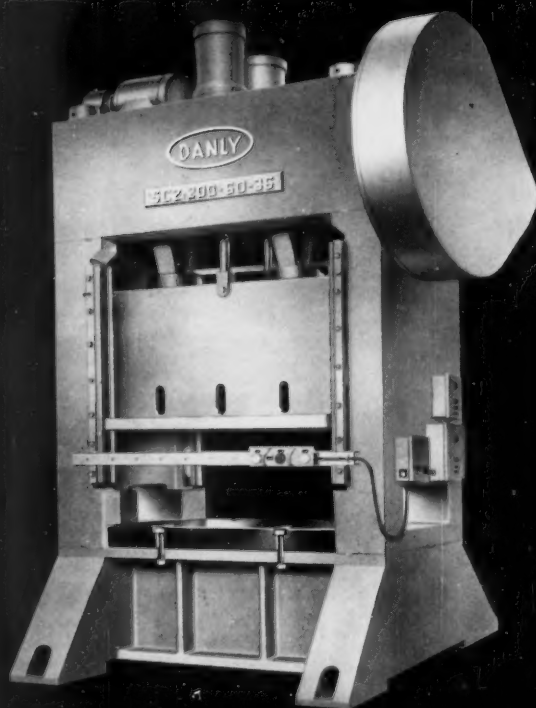
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The Tool Engineer

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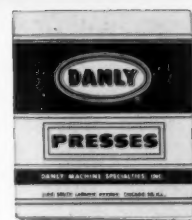


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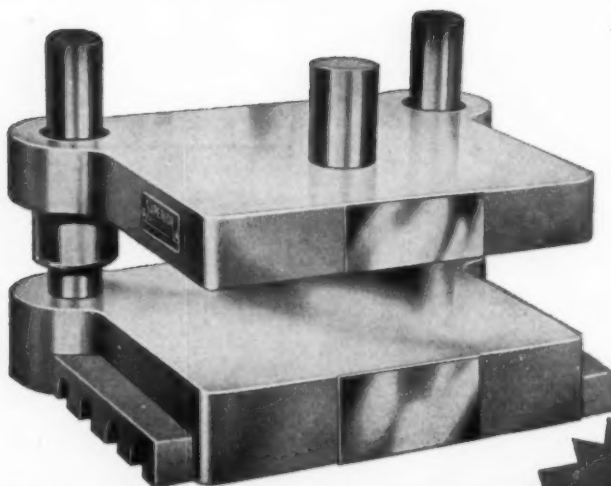


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June 15, 1960

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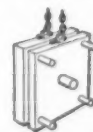
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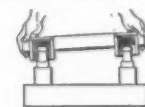
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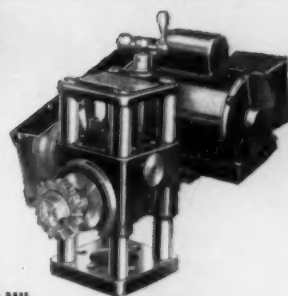
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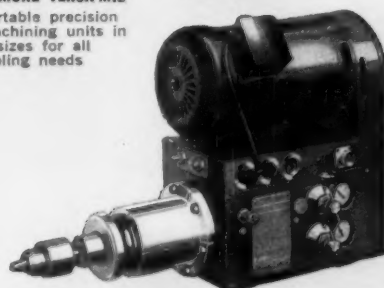
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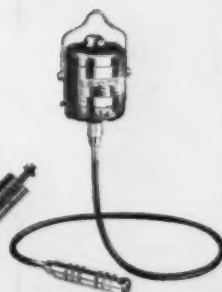
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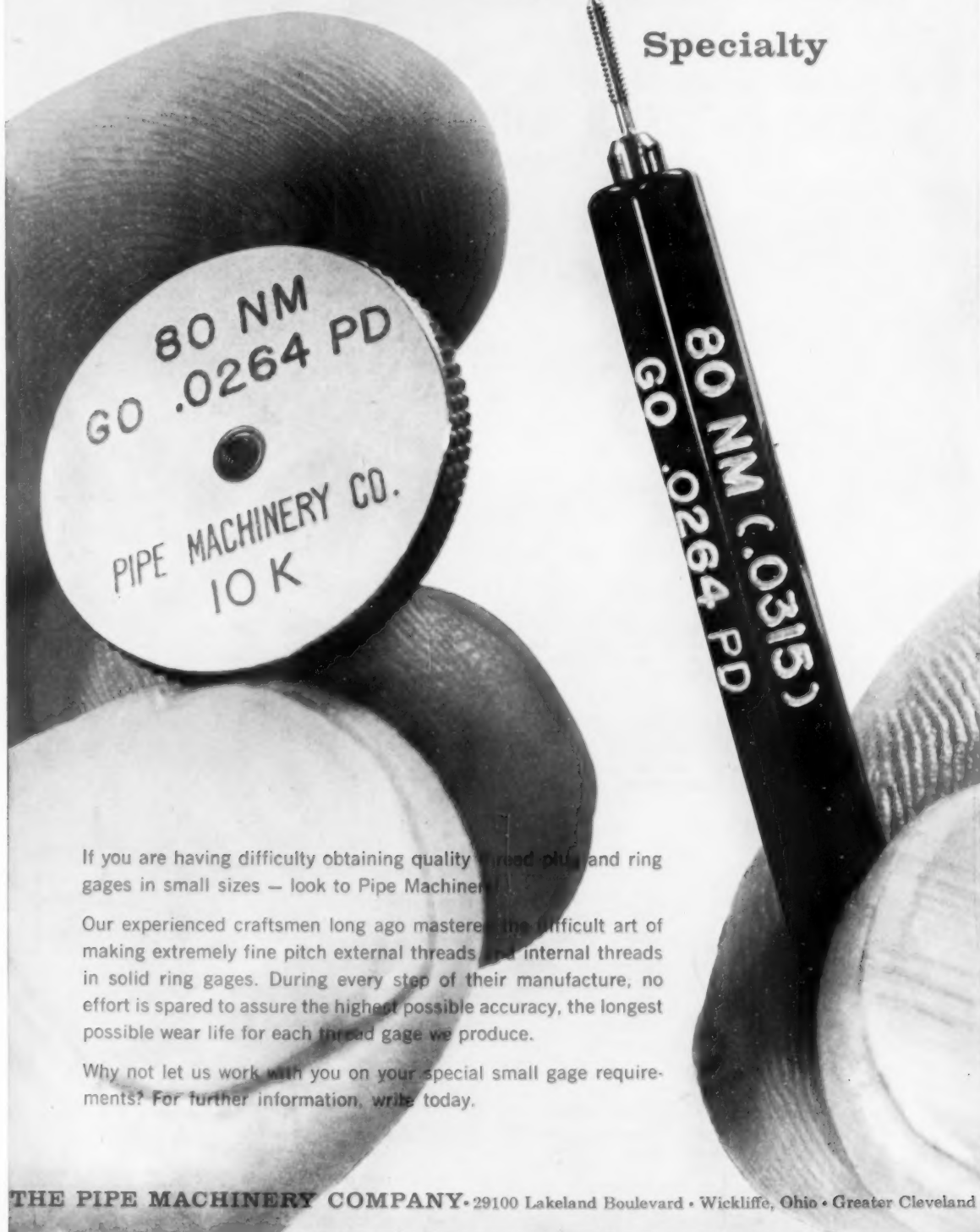
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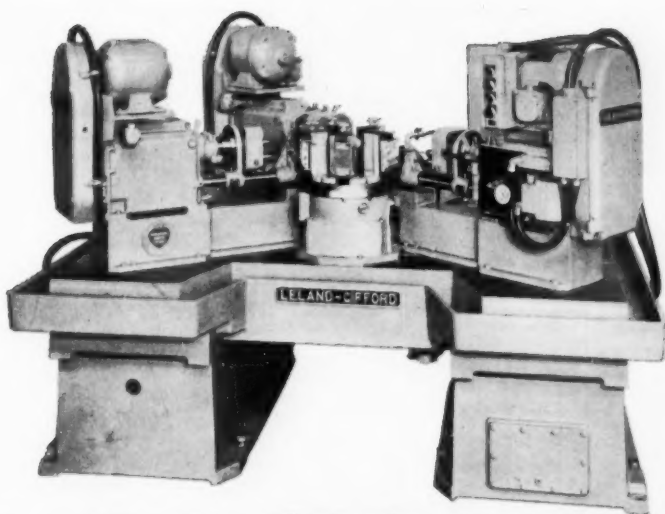


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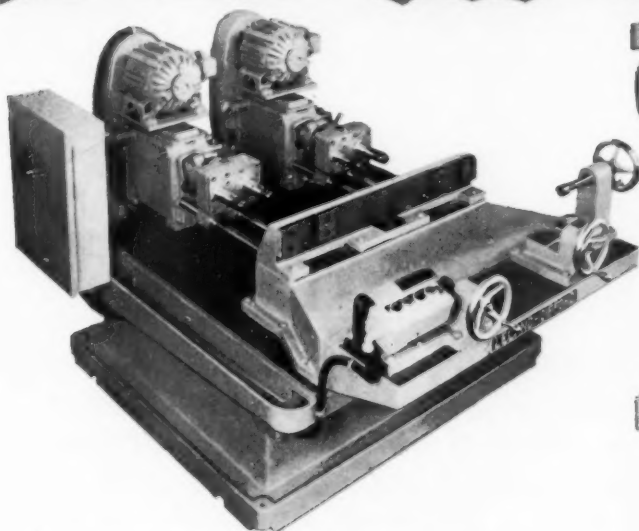
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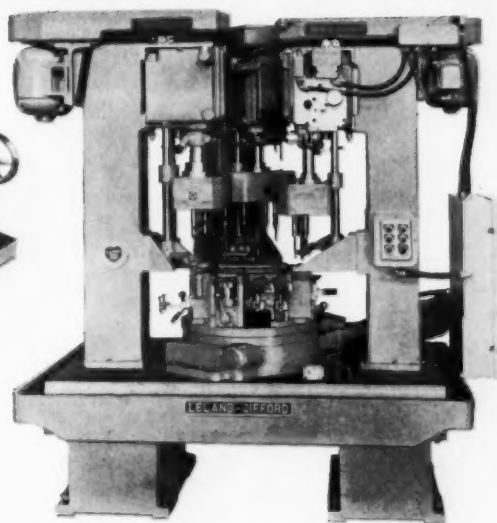
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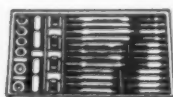
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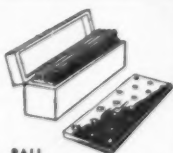
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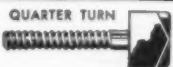
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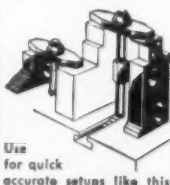
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SCREWS
KNURLED HEAD



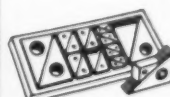
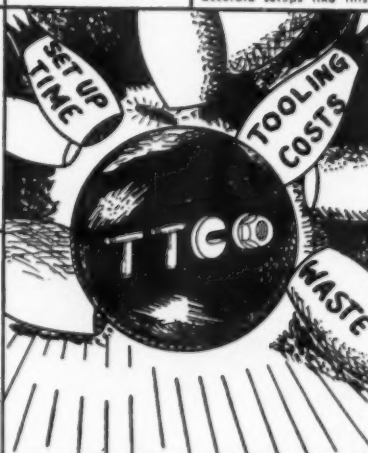
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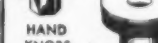
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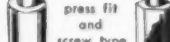
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June 15, 1960

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NEW

Over a period of years we have continually enlarged and improved our line of CLEVELAND End Mills. Now, with the addition of the wide range of CLEVELAND Milling Cutters shown on the opposite page, you can specify a CLEVELAND Cutter for every application . . . and know you are getting lower cutter cost per cubic inch of material removed.

CLEVELAND Milling Cutters assure maximum metal removal per grind. Wide chip space between teeth enables these cutters to perform smoothly in the most difficult materials. Correct axial, radial rake and relief angles provide efficient operation under all conditions. Moreover, CLEVELAND Milling Cutters reduce regrinding time by requiring minimum amounts of stock removal when resharping.


Take advantage of these time-saving, money-saving features. Specify CLEVELAND Milling Cutters on your next milling application!



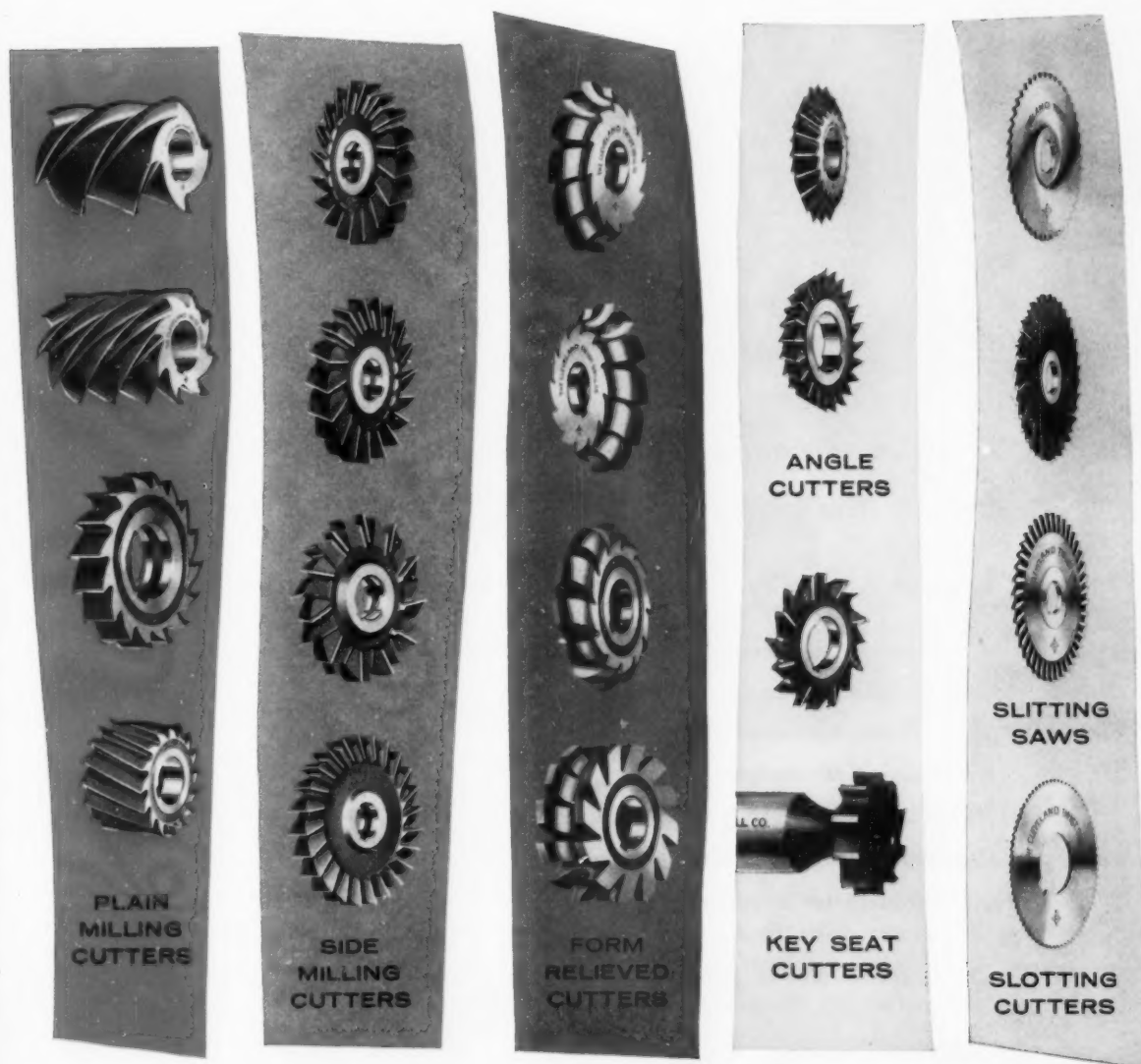
Write for Your Copy of This Helpful Book

This 64-page illustrated book gives complete information on all types of CLEVELAND Milling Cutters—Plain, Side, Half Side, Corner Rounding, Concave, Convex, Woodruff Key Seat, Angle, Metal Slitting, Screw Slotting. Also full information on CLEVELAND End Mills. Ask for your copy.



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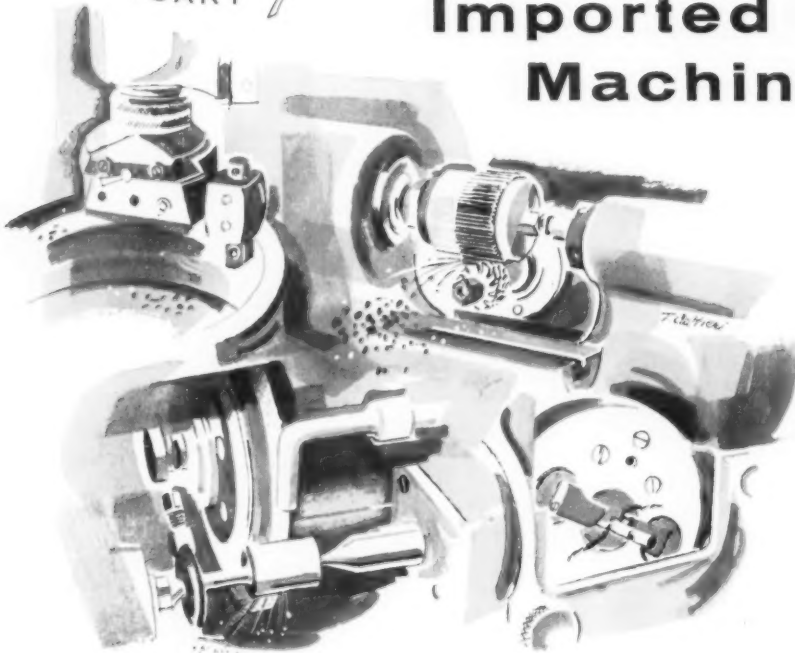
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This year marks the 20th in which Cosa Corporation has introduced, sold and serviced, the latest designs in imported precision machinery to help the metalworking industry increase productivity. You can choose from 20 lines of versatile metalworking equipment for production or toolroom use, from manually operated to fully automated tools, in capacities to fit your needs exactly.

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And, since Cosa maintains an adequate inventory of essential replacement parts, you can always depend on rapid, efficient service with manufacturer's approved parts. This is one of the reasons behind Cosa's well-earned reputation for dependability.

Cosa is an international organization, with offices strategically placed throughout the free world, serving industry with the largest selection of machine tools.

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CHECK COSA'S COMPLETE LIST FOR YOUR TOOLING NEEDS

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- Chucking Machines
- Drilling Machines, Radial
- Dynamometers
- Engraving Machines
 - 2 & 3 Dimensional Pantograph
- Fatigue Testing Machines
- Flow Forming Machines
- Gear Checking and Testing Machines
- Gear Hobbers
- Grinding Machines
 - Cam & Contour
 - Centerless
 - Cylindrical, Plain
 - Internal
- Jig
 - Profile
 - Surface
 - Tap, Tool & Cutter
 - Thread
 - Universal
- Jig Boreers
- Lathes
 - Copy Turning
 - Double End
 - Facing
 - Roll Turning
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 - Spinning
 - Tracer
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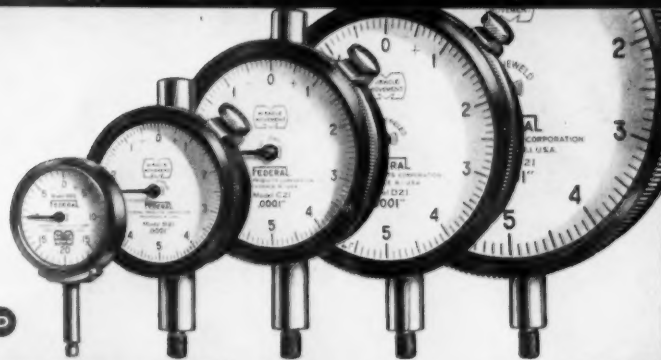
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B

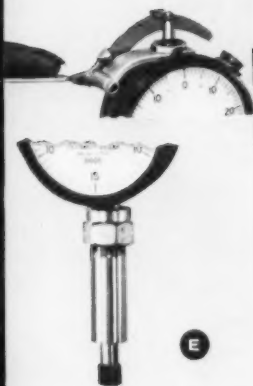


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E



F



G

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B Series L Testmaster. Long range (.032" and .060"), high magnification. Large or regular size dials, two styles, .0001" or .0005" grads., eight models.

C Series M Testmaster. The Universal Test Indicator. Two styles, .001" or .0001" grads., eight models, plus non-magnetic.

D Regular Dial Indicators. Five sizes including A.G.D. groups I through 4. Over eighty different basic models plus thousands of variations.

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J Super-Sensitive Indicators. Ultimate in indicator precision. Five models, .0001" or .00005" grads.

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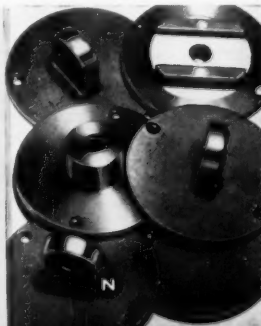
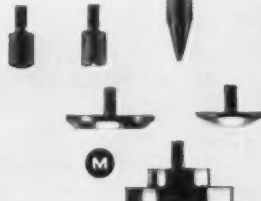
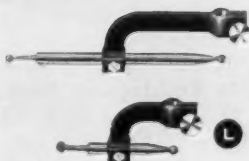
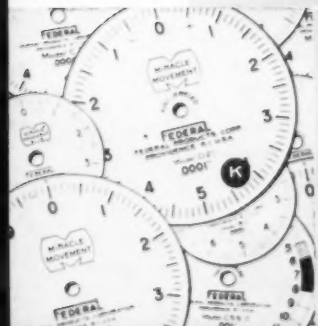
N Backs. Regular, offset, post, screw, adjustable, and flat. Special backs to order.

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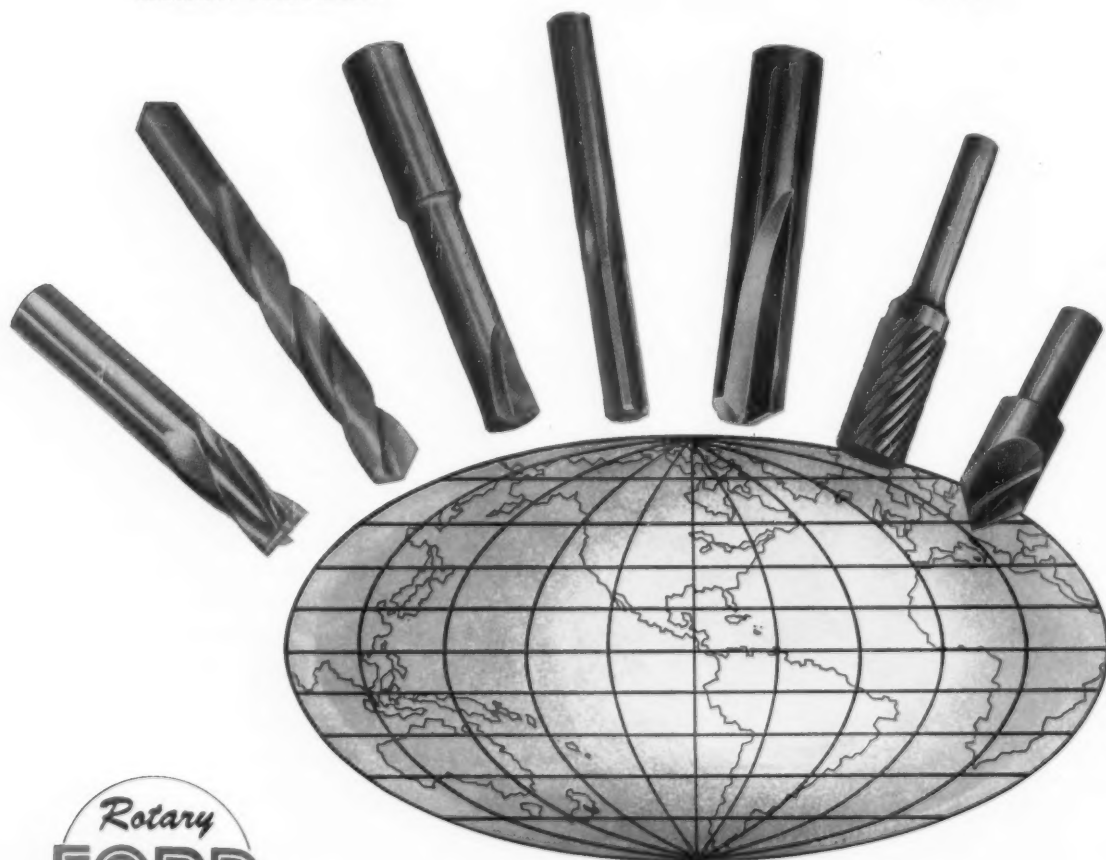
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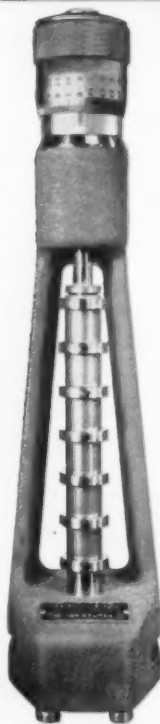


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precision measuring tools

The World's most accurate Precision Measuring Tools — tools which check to hundred-thousandths and millionths of an inch — are members of the Van Keuren family of highest quality measuring equipment. Precision-minded shops throughout the metalworking industry are depending on Van Keuren gages to maintain the close tolerances that are increasingly in demand. Some examples of Van Keuren equipment are shown here; write for complete Buyer's Catalog.



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Accurate to .000050" over entire range. Patented spring-loaded non-rotating spindle eliminates backlash. Measuring surfaces accessible from front and back. Can be used in a horizontal position. Available accessories: 18" transfer gage, 3" and 6" riser blocks. Priced attractively.

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MASTER SETTING DISKS



PRECISION LAPPING SERVICE

PRECISION LAPPING SERVICE AND PIVOTS

Van Keuren offers a highly specialized service devoted to the production of precision lapped finishes on parts supplied by customers or manufactured to specifications. Precision steel or carbide pivots with radii, close tolerances and high finish are an example. If the part has "at least one gage characteristic", consult Van Keuren for assistance.



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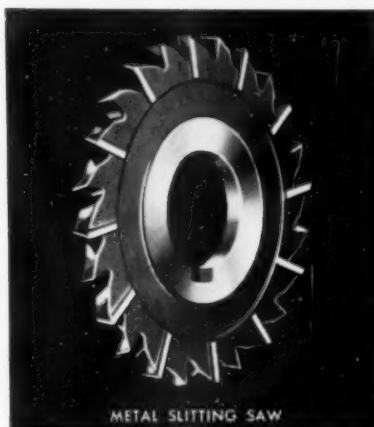
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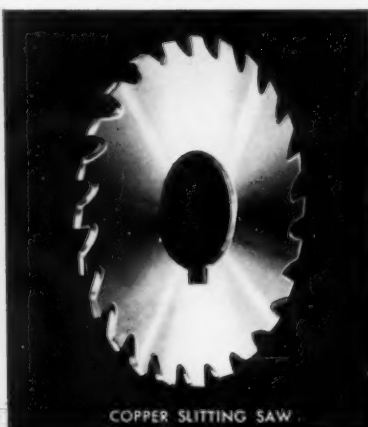
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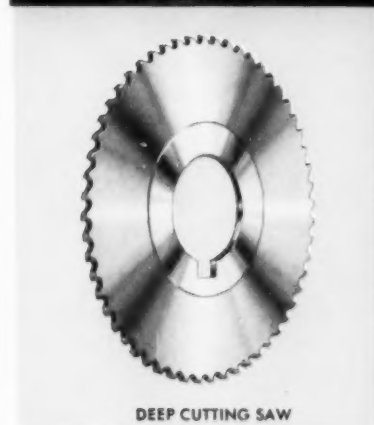
METAL SLITTING SAW



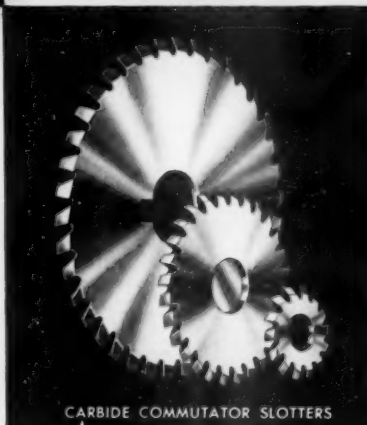
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That's because these Standard Adjustable U.S. Heads are designed and built for profit-making performance...

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Ideally suited for high production with flexibility. And, they're DOUBLE DUTY TOOLS! When your drilling machine has a reversing spindle, you can drill and tap the same hole pattern with one head.

Write for Catalog AD-57 covering the COMPLETE LINE of Standard and Universal Adjustable U.S. Drill Heads. Or, send specifications of your particular requirements. No obligation, of course.



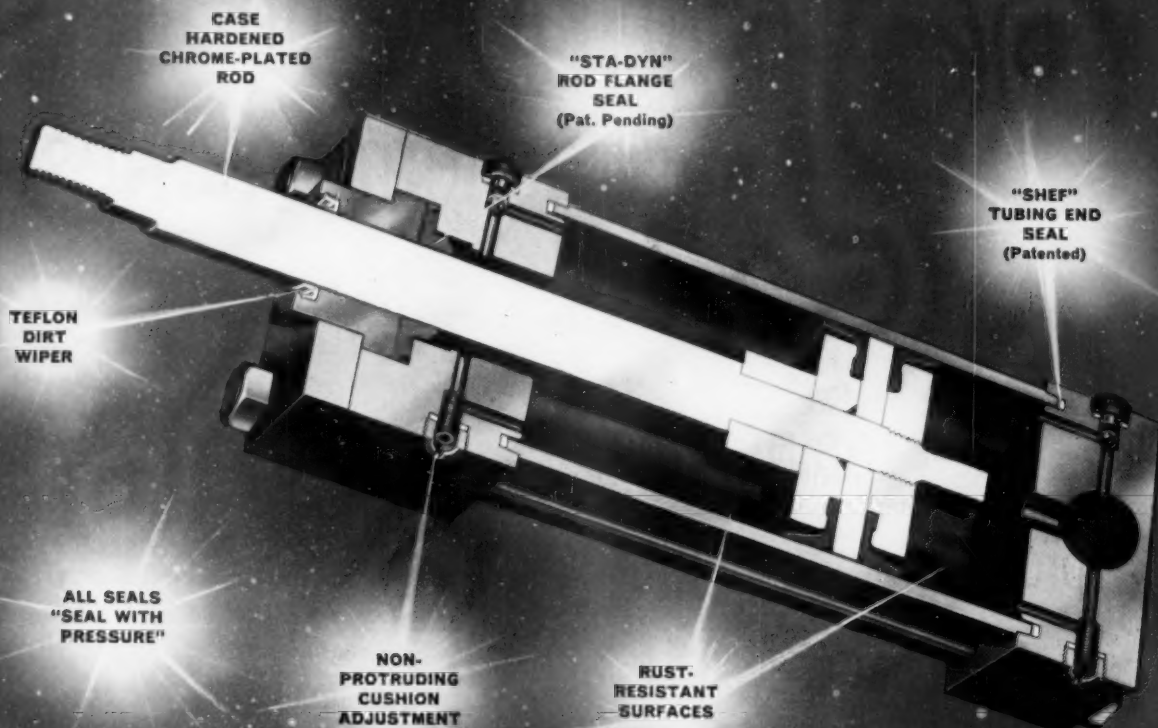
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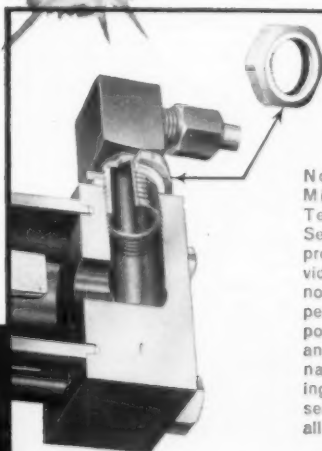
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Now—with every Miller Cylinder—Teflon-sealed Port Seals that "Seal with pressure" are provided as standard at no extra cost. They permit much faster positioning of lines and fittings, eliminate "overtightening" damage, and seal perfectly against all operating media.

Here are eight more reasons why Miller Air Cylinders continue to be the most economical and reliable cylinders that money can buy. These stellar features—including the new port seals—are standard Miller construction—yours at no extra cost. Thus, they provide appreciable savings in original investment—*particularly for those who insist on "J. I. C." quality throughout.* Savings in operating costs are even greater, because these features are proven assurance of longer cylinder life, greater efficiency, reduced maintenance and downtime.

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protects aluminum best
...at less cost,
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To the hundreds of long-time users of Amchem Alodine—the first, low cost effective surface conversion treatment for aluminum—add a new host of fabricators who are employing the newest Alodine development—ALODINE 1200S!

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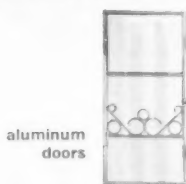
ALODINE 1200S is Amchem's positive answer to constant uniform quality in aluminum processing. Put its assured protection and production flexibility to work for your aluminum products and market them with greater confidence!

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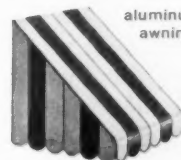
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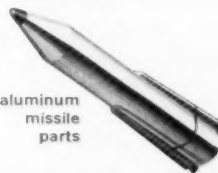
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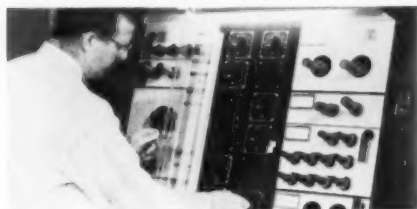


ALODINE 1200S

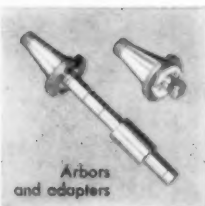
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Arbors and adapters



Quick-change collar



"Stub-A-Long" drill collet chucks



Hydraulic mandrels and chucks

tools that reduce **TOTAL COSTS** ...and increase profits

Today, the tooling you put on a machine tool controls much more than time per piece. It controls setup costs, the cost of downtime for changing and resetting tools, regrinding costs, and costs that accrue in work scheduling.

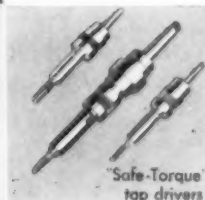
The Scully-Jones line of timesaving, moneysaving tools includes boring, reaming, and tapping tools . . . expanding and contracting chucks and arbors for precise tool and workholding . . . floating holders . . . and adjustable torque assembly tools. Tools, methods, and "Toolitrol" equipment, with presetting gages and counters, permit high utilization of equipment, assure maximum productivity, and increase your cost-price margin.

By working with your Scully-Jones representative or distributor, you are assured of optimum performance from machines (and cutting tools) through reduced downtime for tool changing . . . prolonged tool life . . . improved efficiency . . . increased accuracy . . . reduced breakage and scrap. Ask for Catalog 600.

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"Safe-Torque" tap drivers



Drill and tap chucks



Counterbores and countersinks



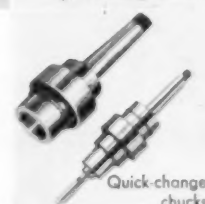
"Better-Hold" chucks



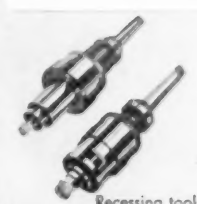
Floating holders



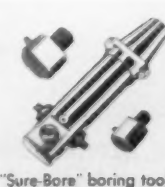
Quick-change chucks



Recessing tools



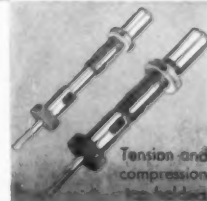
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Self-opening stud setters



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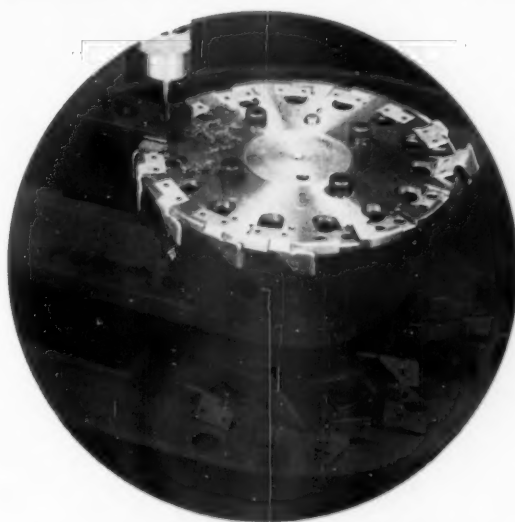
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Precision Holding Tools . . . for holding precision



this plate paid for itself in 11 hours...



...and is still tapping 4400 holes per hour one year later!

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We made the plate for our customer for \$165.00. It arrived in his plant 6 days after he delivered a box of blank parts to us. With the plate went a tag showing Snow machine settings, and estimated hourly production based on the *test run already made* in our own shop. Time required for customer to set up the new dial plate was ten minutes!

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Snow Manufacturing Company, 435 Eastern Avenue, Bellwood, Illinois (suburb of Chicago). Dept. T.

SNOW *master fixtures save dollars and days in tooling costs.*

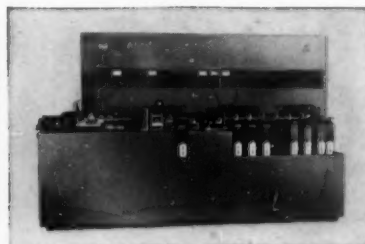
RCA "Building Block" Automation Equipment



Automatic High-Speed Hardness Testing Machines—Inspect up to 2500 parts per hour with laboratory accuracy.



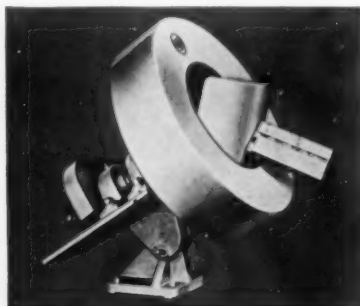
Centerless Grinder Control—Accurate to .000050", RCA self-compensating grinder controls can be used in rough as well as finish operations. Extreme reliability and 100% repeatability are reported by users.



Final Inspection Machines—Equipment similar to the one above, inspect O.D., I.D., length, taper, true roundness. They also provide automatic segregation of inspected parts into almost any desired number of categories, as well as stamping and counting.



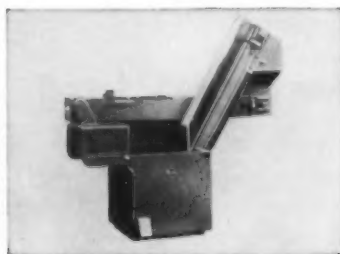
Automatic Assembly Machines—This unit automatically assembles bolts and lock washers. It is one of the many assembly machines developed by RCA.



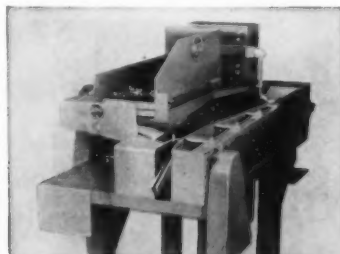
Rotary Hopper—Exceptionally low in cost, RCA rotary hoppers are available with 18", 24", and 30" bowls. RCA orienting discharge tracks for various part sizes and shapes are mounted on the hopper by merely loosening and tightening one screw.



Floor Feeders—High-Speed, "demand-feed" control, broad versatility in parts handled, and large storage capacity make these units ideal for integrating machine operations.



Elevating Orienting Feeders—"Demand-feed" controlled. Handle flat, cylindrical, rectangular and headed parts in a wide range of sizes.



Non-Mar Feeder—Provides "demand-controlled" oriented feeding of fragile or highly finished parts. A wide range of part sizes and shapes can be handled.

Whatever your requirements . . . a completely integrated automation system, or simple mechanization of individual operations, RCA's Industrial and Automation Division offers the most versatile range of such equipment available from any single source. All of these products have proved themselves in actual use. For details, contact your nearest representative or write to RCA.



RADIO CORPORATION of AMERICA

INDUSTRIAL AND AUTOMATION DIVISION
12603 Arnold Avenue • Detroit 39, Michigan

BACKED BY YEARS OF EXPERIENCE IN ELECTRONICS AND AUTOMATIC CONTROL

The New



interchangeable with all
standard JIC cylinders

CHECK THESE 10 POINTS OF T-J SUPERIORITY

- 1 One Piece Piston
- 2 Hard Chrome Cylinder Bore and Piston Rods
- 3 High Tensile Steel Tie-Rods
- 4 Cushion Adjusting Screw, Externally Adjustable
- 5 New Super-Cushion for air, or Self-Aligning Master Seal for Oil (T-J Patents)
- 6 Solid Steel Heads and Mounting Plates Standard all Models
- 7 Port Design Allows Minimum Pressure Drop on Inlet or Outlet
- 8 Chevron Type, Self-Adjusting Rod Packing
- 9 Piloted Packing Gland—Absolute Alignment
- 10 Piston Rod, Extra Strong—Polished and Chrome Plated for Efficiency and Protection

With the introduction of the ALL NEW T-J Squair Head, Tomkins-Johnson now offers industry the most complete design range of air and hydraulic cylinders. Presently available in bore diameters from 1½ to 8 inches, the T-J Squair Head is an interchangeable cylinder which produces maximum force and efficiency, with minimum pressures... and is also adaptable to the use of low pressure oil as the working medium. Write to The Tomkins-Johnson Co., Jackson, Michigan, for Bulletin #SQ 10-58 and complete details.

T-J

TOMKINS-JOHNSON

HYDRAULIC... AIR AND HYDRAULIC CYLINDERS... CUTTERS... CLIMBERS

June 15, 1960

Use Reader Service Card, CIRCLE 43

51

For the Precision of a Count-down



T-J

LAUNCHES A NEW CUTTING TOOL LINE FOR MILLING ACCURACY

For precision milling to close tolerances, so vital in today's high-speed, high-production manufacturing, T-J now offers a new, improved line of milling cutters. The new cutter line features a high helix angle, double back-off, and a right-hand spiral to produce more and smoother cuts between grinds, and a free-cutting, stronger tool.

Specially designed and precision-manufactured for die sinking and production milling, the new line is designed to include flats on the shanks for set screw type drivers on all of the end and side milling cutters.

Write today for complete information to the Tomkins-Johnson Company, Jackson, Mich.

CALIFORNIA
Ralph W. Atkinson Co.
3715 Santa Fe Ave.
Los Angeles 28, Calif.

ILLINOIS
J. H. Sipchen Co.
13 South Austin Blvd.
Chicago 44, Ill.

TEXAS
Wallace Co., Inc.
6048 Clinton Dr.
Houston 1, Texas

CONNECTICUT
G. Vernon Eads & Co.
Kent, Connecticut

INDIANA & MICH.
Charles S. Sals
335 Curtis Bldg.
Detroit 2, Mich.

VIRGINIA
Allan T. Shepherd Co.
P. O. Box 1243
Richmond, Virginia

PENNA. (Western)
Jan R. Dunsford, Inc.
1713 Investment Bldg.
Pittsburgh 22, Penna.

EXPORT - CANADA
Geo. T. White Co., Ltd.
378 Devonshire Road
Walkerville, Ontario

Ask for completely new cutter catalogue No. 259.

T-J

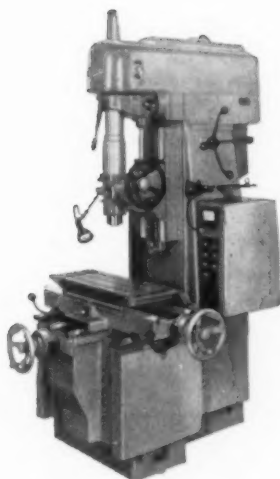
TOMKINS-JOHNSON

ENGINEERS, AIR AND STEAM TURBINES, CUTTERS, DRILLING

Accuracy to the split-tenths...

FLASH!

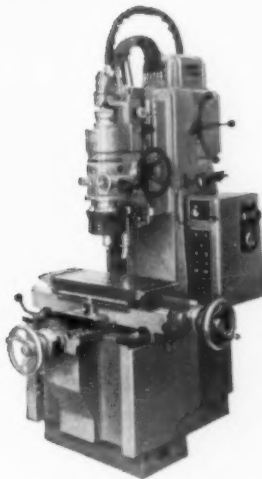
All Moore Machines are
made and calibrated to
the New International Inch.



LOCATES AND BORES HOLES TO LESS THAN A "TENTH"

No. 3 Moore Jig Borer

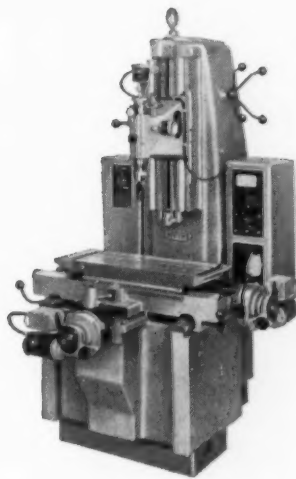
For boring, drilling, reaming and spotting holes in dies, jigs and production parts, the speed and accuracy of the Moore Jig Borer has never been equaled. Now, with this new and larger No. 3 model, you will break the "tenth" barrier! Here's why: it offers more precise positioning tolerances...all hardened, ground and lapped ways...no gibs...no overhang...improved drive...wider speed range 60 to 2250 RPM...larger table working surface, 11" x 24"...micro setting of vernier dial...more accessible cross-clamping. These new features, plus sensitive, centralized controls for spindle speeds and feeds, quick tool-changing, easy lubrication add up to a Jig Borer which belongs in every toolroom where tomorrow's accuracies must be achieved today!



LOCATES AND GRINDS HOLES TO LESS THAN A "TENTH"

No. 3 Moore Jig Grinder

The originators of jig grinding and the Jig Grinder have done it again! Now, with this new, larger No. 3 model, you can grind—with split-tenth accuracy—holes plus regular and irregular contours to size and location after hardening. This is made possible by the closer locational tolerances built into the machine...by the all-hardened-ground-and-lapped ways...by the faster strokes provided for chop-grinding...by the infinite spindle speeds, 40 to 250 RPM...by the larger table working surface, 11" x 24". The same quickly set precision lead screws as in the Moore Jig Borer simplify the finish-grinding process.



MEASURES TO ONE-THIRD OF A "TENTH"

Moore Universal Measuring Machine

This machine, built on the same basic principles as the No. 3 Moore Jig Borer and No. 3 Moore Jig Grinder, introduces a new concept in ultra-precise measurement and inspection. It offers for the first time: A machine combining the capacity for larger work-pieces; choice of electronic indicator supported on an accurate, rotatable spindle, or a universal microscope for pickup; a combination of rectilinear and angular positioning, making possible the measurement of the most complex contours. Design and construction insure the highest possible accuracy. All ways are hardened, ground and lapped steel, fitted to hand-scraped cast iron. Table positioning in two directions of travel is by means of master lead screws. Note motorized lead screw drive—it's optional (for Measuring Machine only).

MOORE SPECIAL TOOL COMPANY, INC., 732 Union Avenue, Bridgeport 7, Connecticut

ADD  TO YOUR TOOLROOM

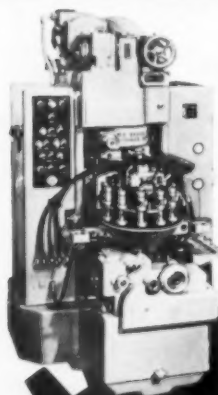
JIG BORERS • JIG GRINDERS • PANTOGRAPH WHEEL DRESSERS • PRECISION ROTARY TABLES • HOLE LOCATION ACCESSORIES

June 15, 1960

Use Reader Service Card, CIRCLE 45

53

SYKOMATIC



GEAR SHAPER

Engineered specifically to cut costs in the quality production of spur and single helical gears. This machine incorporates more extraordinary and practical features than any other gear shaper in its class. It is invaluable in the production of straight and helical gears in quantity which can only be produced by the shaping method.

SYKES

FOR PRECISION GEAR MAKING MACHINERY

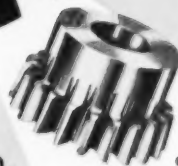
A Complete Line Of Production and Testing Machinery For The Gear Manufacturing Industry Available for Prompt Delivery Anywhere in The United States.



for HORIZONTAL PLANER AND VERTICAL TYPE MILLING MACHINES

Rigidly designed units with a wide range of speeds and feeds permit the machining of a wide variety of materials from non-ferrous metals to tough alloy steels using either tungsten carbide or high speed steel cutters. Controls are compact and conveniently positioned and operation is simple on all models.

SYKES
also represents
KENDALL & GENT LTD.
In the United States



SYKES Ground Form H.S.S. Gear Shaper Cutters

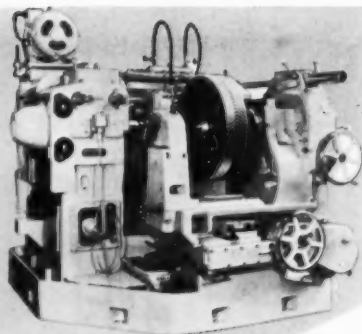
Precision and commercial limits from 1 1/2 to 100 D.P. and over, and 1/2" to 8" PCD. Special form cutters can be designed for quick delivery. Single Helical and herringbone cutters available with any helix angle to 45°.

Many standard pitches in stock.

All Sykes hobs conform to AGMA standards and range from 1 to 150 D.P.

1A 3C 5E Horizontal Multi-Cutter High-Production GEAR GENERATORS

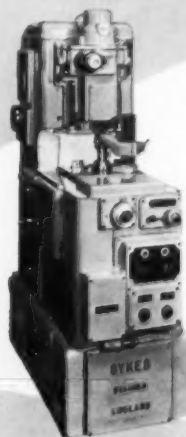
Specifically developed to produce herringbone gears at a far greater rate than previously possible. This machine also produces a very wide range of gears under either mass or batch production conditions, and will maintain accuracy over long periods of time and heavy service. Controls are well grouped and easily accessible. Changeover is readily effected.



V.4 Vertical Fine Pitch GEAR GENERATING MACHINE

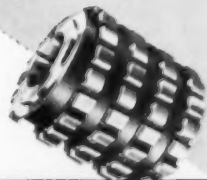
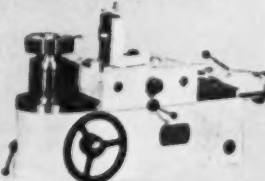
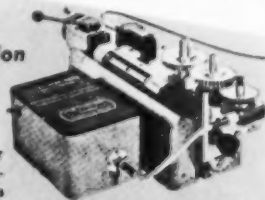
A truly compact machine that will operate at high speed with precision. It will produce with accuracy, external and internal spur gears, left and right hand helicals, small sprockets, racks, external and internal serrations, ratchets and many intricate forms such as are often found in the complicated movements of calculating machines and instruments.

• Installations of all Sykes Gear Machines are supervised by our own factory-trained sales engineers and carry a one year service guarantee. We have factory trained representation throughout the United States and Canada.



GOULDER Precision GEAR TESTERS

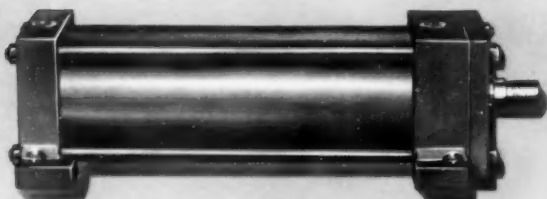
Increased engineering standards in gear production demands more precise methods of gear checking. This need is answered by Goulder precision gear testers. Careful selection of materials and rigorous inspection, guarantee retention of the initial high accuracy of these testers. All castings are of Meehanite metal, artificially aged to reduce any possible distortion and ensure stability.



For Detailed Information and Specifications for All These and Other Units, Write for Brochure or Contact:

SYKES MACHINE & GEAR CORP.

744 Broad Street, Newark 2, N. J. Tel: MA 3-3290 Cable: Sykus Newark



Hannifin air power cylinders, available in a full range of mounting styles, bore sizes from 1½" through 14", strokes to 20 feet. Cylinder bodies bored, then honed satin-smooth... for low friction, long packing life.

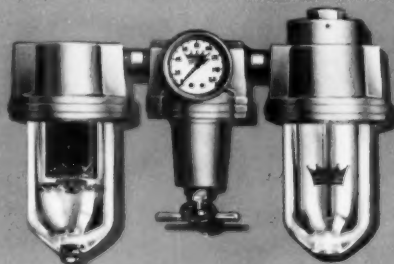


Hannifin's complete line of air control valves includes electric solenoid, pressure, cam, hand, and foot-actuated valves. Write for our compact new "Valve Finder."

PARKER-HANNIFIN puts air to work without costly leaks

Now...complete pneumatic power systems, engineered for long leak-proof life, are available from your Parker-Hannifin man. Hannifin "Crown" units supply filtered, lubricated air at optimum pressure. Hannifin air valves shift quickly and seal bubble-tight. Hannifin air cylinders and air motors are low-friction, leak-proof. Parker "Push-lok" hose fittings and "Intru-lok" tube fittings provide quick, easy, leak-proof connections. The over-all result is more work from less air!

Our field engineering service helps you design your circuits and select the components. Many items are available locally, from Parker-Hannifin distributor stocks.



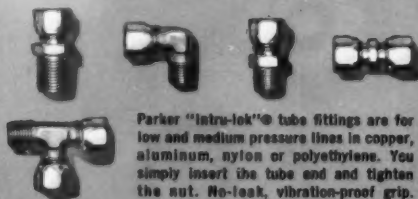
Hannifin "Crown" filters, regulators and lubricators—available singly or in any combination. Stocked in many cities by Parker-Hannifin distributors.



The Hannifin air motor combines a high-efficiency, leak-proof power cylinder and its electric control valve with built-in speed controls into one compact package. A single air line connection is needed, reducing installation costs.



A bench-backed hand push joins Parker "Push-lok" hose fittings to Parker hose. No tools required. Won't blow off.



Parker "Intru-lok"® tube fittings are for low and medium pressure lines in copper, aluminum, nylon or polyethylene. You simply insert the tube end and tighten the nut. No-leak, vibration-proof grip.

Parker FITTINGS AND HOSE DIVISION
17325 Euclid Avenue, Cleveland 12, Ohio

HANNIFIN COMPANY
555 S. Wolf Road, Des Plaines, Illinois

DIVISIONS OF PARKER-HANNIFIN CORPORATION

IMPROVED and BETTER THAN EVER PADDOCK BALL BEARING BANDSAW GUIDES

- ★ INCREASE PRODUCTION
- ★ ELIMINATE BLADE BREAKAGE
- ★ IMPROVE MACHINE OPERATION

You will stay closer to your cutting line and cut faster when you use Paddock Ball Bearing Guides. Paddock Guides afford firm frictionless support to the blade regardless of the material cut or the speed of the machine. Paddock Guides are highly recommended by insurance companies and safety councils and have proven their value to thousands of satisfied users. Your satisfaction, too, is guaranteed.

Groove in thrust wheel holds back of blade



All three wheels are the same size and are interchangeable rotations recommended for longer wear

Two wheels below hold sides of blade



Model 20 shown above

At the time the above picture was made the blade was traveling 10,000 FPM

Photo at right shows the smallest and largest Bandsaw Guides — made to support 1/4" to 3" blades.



Shipped On Approval - 10 Day Machine Test

PADDOCK TOOL CO.

GUIDE MAKERS SINCE 1920

1416-18 Walnut Street

Kansas City 6, Missouri

PARTIAL LIST OF USERS

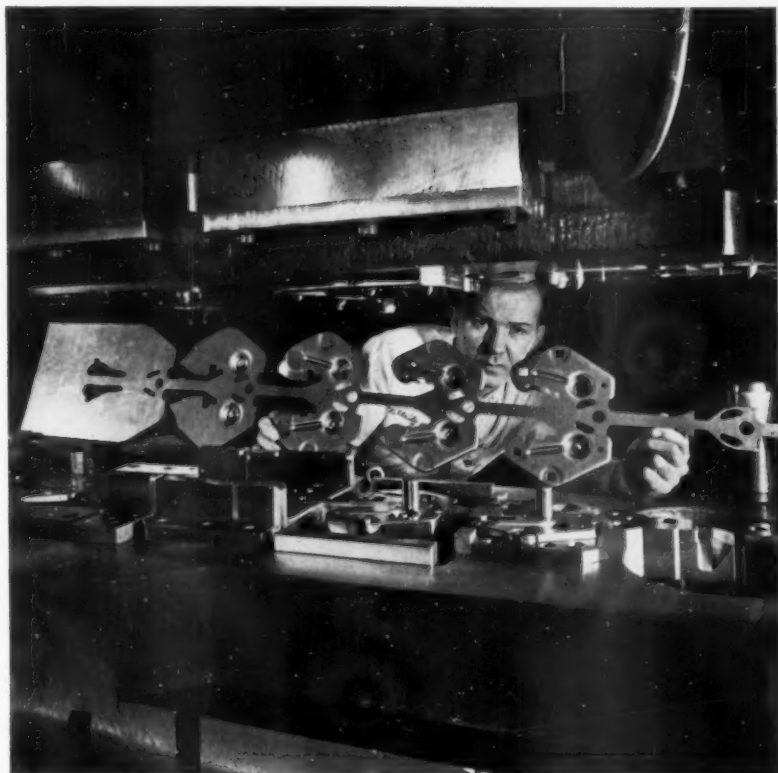
Aluminum Co. of America	Consolidated Aircraft Co.
Armstrong Cork Company	Curtis-Wright Corp.
American Brass Company	Edward G. Rudd Mfg. Co.
American Bridge Company	Firestone Foundry Co.
American Magnesium Corp.	General Electric Co.
American Smelting & Refining Co.	General Motors Company
Atchison, Topeka & Santa Fe	Owens-Illinois Glass Co.
Baldwin Locomotive Corp.	Republic Steel Corp.
Bethlehem Steel Corp.	United States Rubber Co.
Carnegie-Illinois Steel	United States Navy Dept.
Cosma Aircraft Co.	Westinghouse Electric Co.
J. I. Case Company	White Sewing Machine Co.



Tool Steel Topics



BETHLEHEM STEEL COMPANY, BETHLEHEM, PA.
 Export Distributor: Bethlehem Steel Export Corporation



*Another report on Lehigh H tool steel—
 “good machinability . . . very low distortion”*

7-STAGE DIE FORMS AUTOMOTIVE DECK HINGE PART

This 7-position progressive die of Bethlehem Lehigh H tool steel was made recently by Hillside Tool & Die Company, Roseville, Michigan, for the production of an automotive deck hinge part, from 13-gage sheet steel. The die, made from Lehigh H supplied by our local distributor, Peninsular Steel Co., Detroit, was hardened to Rockwell C 60. It was used in a 400-ton press.

When asked about the performance of the tool steel, a Hillside engineer reported, “We like Lehigh H in jobs of

this type because of its good machinability, and its very low distortion during heat-treatment. The die was placed in service with hardly any stoning necessary.”

Bethlehem Lehigh H (AISI D-2) is our easy-machining, high-carbon, high-chrome grade of air-hardening tool steel. It has outstanding wear-resistance, due to its excellent carbide distribution.

Your Bethlehem tool steel distributor can give you full details on Lehigh H . . . and he has many sizes in stock.

BETHLEHEM TOOL STEEL ENGINEER SAYS:



*Here's how to
 shrink-fit tool inserts*

Shrink-fitting of tool steel inserts, commonly used in improving the service life of tools, is most applicable to rings and cylinders used in heading and drawing operations, where the tools can be shrink-fitted into large retaining rings. The shrink-fit sets up radial compressive stress in the tool. This serves to oppose radial tensile stress set up in service, thereby improving the performance over solid tools which are not pre-stressed.

Here's how to do it:

1. The retainer should have adequate diameter and strength to provide the stresses required on the tool insert. Generally, an alloy steel capable of hardening to 300-400 BHN is used. Shock-resisting tool steels, heat-treated to Rockwell C 48-52, are recommended for heavy-duty applications. The OD of the retainer should be at least twice, and preferably three times, the ID.
2. Allow for a shrink-fit of .003/.004 in. per in. Thus the OD of the insert is .003/.004 in. per in. larger than the ID of the retainer into which it is to fit. These dimensions must be maintained to obtain the benefits of shrink-fitting.
3. It is important that the OD of the insert and the ID of the retainer have a smooth finish, preferably produced by grinding.
4. Heat the retainer to a temperature sufficient to cause the expansion required in assembling the insert. Do not exceed the tempering temperature used in heat-treating the retainer. If necessary, the insert may be sub-zero cooled, to help provide the proper clearance for assembly.
5. After assembly of the parts, the assembly should be cooled rapidly. This will prevent over-tempering of the insert by heat transferred from the retainer.

KENNAMETAL* CARBIDE PRODUCTS



Blanks, Inserts,
Tips, Blades



Kendex* (Patented) Tool



Kendex Heavy Duty Tool



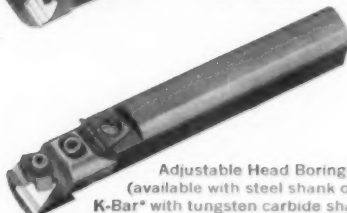
Brazed Tool



Planer Tool



Kendex Boring Bar
with steel shank



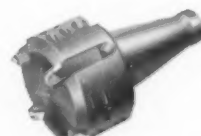
Adjustable Head Boring Bar
(available with steel shank or as
K-Bar* with tungsten carbide shank)



Kendex Milling Cutter



Slitter



Step Kennamill



Special Boring, Facing,
and Chamfering Tool



Multiple Insert Kendex Tool



Solid Kennametal
Grinding Quill

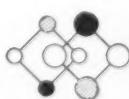
a complete line of carbide tools, blanks, inserts, tips, cutters, blades, mills, wear parts for machines and processing equipment.

*Trademark

for every requirement: cutting, drilling, boring, planing, burnishing, facing, chamfering, profiling, grooving, scraping, shaping, reaming, abrasion-resistant parts.

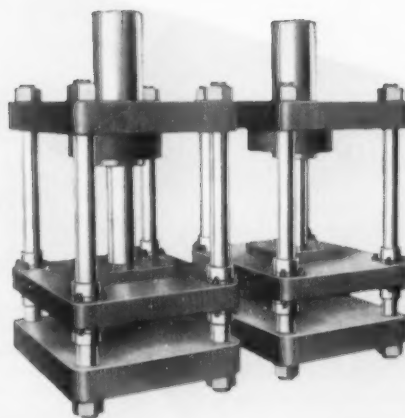
long life, low cost. Kennametal has high resistance to wear, impact, corrosion, deformation and deflection . . . providing long life, high productivity, low costs, minimum downtime. 87208

Send for catalog and prices. Write KENNAMETAL INC., Latrobe, Pa.



INDUSTRY AND
KENNAMETAL
...Partners in Progress

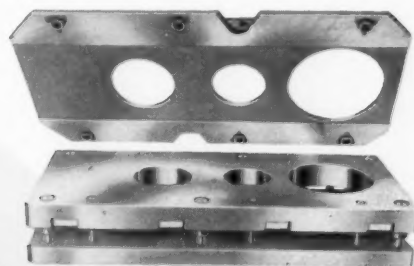
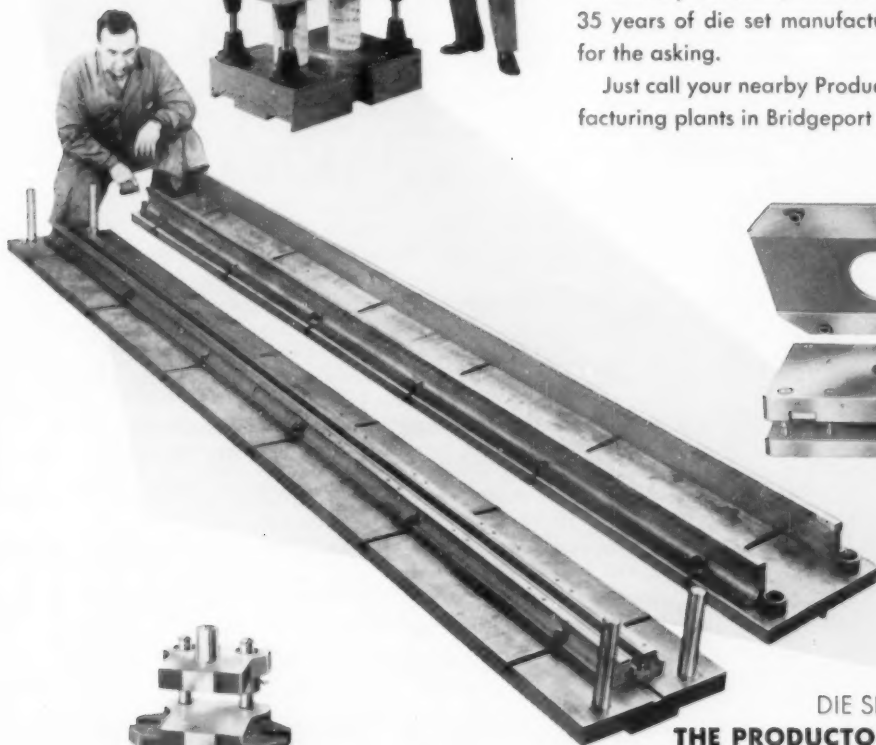
Do you have a special die set problem?



Producto can help you solve it. Special die sets can be large or small—weigh tons or a few pounds; they may be of steel plate, or castings; two-plate or multi-plate.

Often, they can be ordered directly from Producto's catalog. We regularly machine our "catalog specials" to meet your individual requirements. And, when you need a radically different, one-of-a-kind die set—call us. Our 35 years of die set manufacturing experience are yours for the asking.

Just call your nearby Producto distributor, or our manufacturing plants in Bridgeport or Detroit.



DIE SET DIVISION
THE PRODUCTO MACHINE COMPANY

925 Housatonic Avenue, Bridgeport 1, Connecticut

PRODUCTO

DIE SETS & ACCESSORIES • PUNCHES & DIES • TOOLROOM EQUIPMENT

**BOOST Production
STOP Down-Time Losses**

PROMPT Off-The Shelf **Delivery**

Specify **SP** for **Speed**
Performance



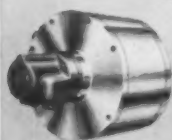
**AIR and HYDRAULIC
12 Bore Sizes: 1 1/8 to 14"**

23 Mounting Styles

Interchangeable

**100% J.I.C. and
automotive standards**

ROTATING



Original equipment on famous machine tools, S-P Air and Hydraulic Rotating Cylinders are adaptable to many other machines. Bore sizes for air: 3" through 16". For hydraulic: 3" through 8" and larger. Speeds up to 3600 R.P.M. Send for catalogs—air or hydraulic.

BOOSTERS



S-P Air-Oil Boosters provide intensified hydraulic power easy to vary and control for many different operations; need no maintenance, hold intensified pressure as long as desired with no added power consumption, save air, space. Full data in Catalog 116.

CONTROL VALVES, ACCESSORIES

S-P Series "R" HAND VALVES are offered in 3/4" and 1 1/2" pipe sizes. These 4-way valves are designed for working pressures to 500 psi air and to 1000 psi hydraulic.

S-P Model FSL4 FOOT VALVE is a 2-position, 4-way valve offered in 3/4" pipe size for air.

S-P F-R-L Unit consists of air filter, pressure regulating valve, gauge and automatic lubricator, is available in 1/4", 3/8", 1/2", 3/4" pipe sizes. Individual elements of the unit are available separately.

Full engineering data on request.

Now **SP's** All-New

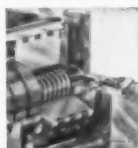
SERIES B

The ONLY

**High-pressure
HYDRAULIC
CYLINDER with**

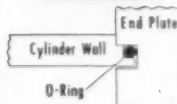


Rated:
2000 psi,
(3000 psi-
non-shock).
12 Bore Sizes:
1 1/8" to 12"
Full Data in
Catalog 117



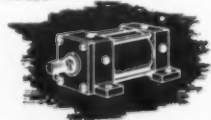
Heli-Coil® Insert Piston Lock

Smoother, more efficient operation; solid piston eliminates air trap; quick and easy rod replacement without loss of thread strength.



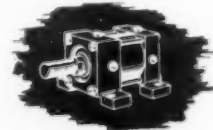
SP's Clinch-Tite End Seal

Holds its dimensional stability under maximum and changing pressures to maintain a leakproof seal—ends down-time losses.



S-P STANDARD AIR CYLINDERS

feature brass tubes to eliminate corrosion, precision-honed for smooth dependable power at low or high speeds. Rated 200 psi air, up to 500 psi oil or water; 23 mounting types; 11 bore sizes; 1 1/2" to 14". Full engineering data in Catalog 110B.



S-P HEAVY-DUTY AIR-OIL CYLINDERS

proven for automation, widest use; air or hydraulic—no modification; extra large ports for extreme high speeds, minimum pressure drop. Rated: 200 psi air; 1000 psi hydraulic; 9 bore sizes: 1 1/2" to 8". Full engineering data in Catalog 115.

A-440A



FREE Engineering Service
Representatives in principal cities
Phone or Write Today

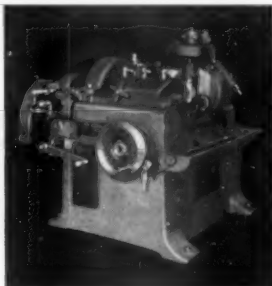


THE SP MANUFACTURING CORP.
30201 Aurora Rd. • Solon, Ohio

A BASSETT COMPANY • IN GREATER CLEVELAND • ESTABLISHED 1916

Non-Rotating and Rotating AIR and HYDRAULIC CYLINDERS • VALVES
POWER CHUCKS • COLLET and DRILL PRESS CHUCKS • ACCESSORIES

How long is it
FROM GOLDEN OPPORTUNITY...



TO GOLDEN ANNIVERSARY ?

Time-wise it is fifty years. Fifty of the most exciting, progressive years in our nation's history.

From a technical standpoint it appears much longer, so tremendous are the changes that have been wrought in the machine tools of today vs. those of yesteryear.

Men of vision incorporated the Lees-Bradner Company in October of 1909. They recognized the need for better cutting machines and grasped their golden opportunity to improve gear generating methods. Men of vision have carried on ever since, perfecting those early machines and winning for Lees-Bradner the most respected position in the hobbing machine industry.

Yes, we're fifty years young—and growing younger every year with fresh, new ideas that multiply the efficiency of Lees-Bradner machines.

Many thanks to our thousands of good customers who, years ago and since, gave us the "golden opportunity" to reach this, our "golden anniversary."



IMPROVING GEARS... FOR 50 YEARS!

the
LEES-BRADNER
Company
CLEVELAND 11, OHIO, U.S.A.

It Pays to KNOW the Answers



TO LOWERED COSTS—
INCREASED PRODUCTIVITY

SOLID CARBIDE TOOLS

An impressive list of industries have come to know well the advantages of Raymac Solid Carbide Tools by demonstrations in their own plants . . . Increased productivity, lowered tool and labor costs have been astounding in most plants, while others were happy with pluses of only 50%. It will pay you to investigate.



BORING TOOLS

BURS

Midget—3/32", 1/8", 3/16",
1/4" Diameter
Drop Forge

CENTERDRILL and COUNTERSINK —
combination

CENTERLAPS 60° Angle —
Right Hand Cutting

COUNTERSINKS—82° Angle

DEBURRING TOOLS—90° Angle

FILES—ROTARY—Steel Shanks.

SPECIAL TOOLS

CHUCKING REAMERS

Decimal Sizes—Straight, Left or
Right Hand Spiral
Fractional Sizes—Straight Flute

DRILLS

Fractional Sizes Wiregauge Sizes
Letter Sizes Short Series

END MILLS

Right Hand, left hand and
straight flutes

SINGLE END—Square End—Ball Nose

HEAVY DUTY—Single and Double—

Square End and Ball Nose

DOUBLE END—Square End and Ball

Nose

STEEL SHANK—Double End—Square

End and Ball Nose

GRINDING TOOLS

Decimal Sizes—Single & Double End

Fractional Sizes—Single & Double End

Angle Type—Decimal Size—Single

and Double End

Bushing Type

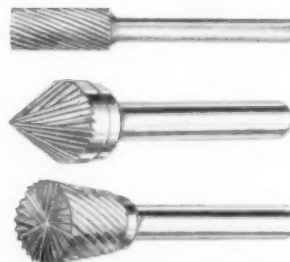
Angle Type—Fractional Size—Single

and Double End

MIDGET BURS



ROTARY FILES



GRINDING TOOLS



Raymac

DIVISION OF

DEXCO CORPORATION

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serve strategic industrial areas

With a membership of more than 40,000, the American Society of Tool and Manufacturing Engineers is one of the world's largest and most progressive technical societies.

In the relatively short span of 28 years, since its inception by a group of tool engineers in Detroit, the ASTME has become industry's chief partner in advancing scientific knowledge of manufacturing and production. Over 160 chapters serve strategic industrial areas in the United States, Canada, Mexico, Australia and the Philippines.

ASTME is also a guiding influence in engineering education. Thirty-two universities and engineering schools throughout the nation and Canada have student chapters operating on their campuses.

As an indication of the Society's continuing and rapid growth, ten senior chapters and eleven student chapters have been added to the ASTME

roster since publication of the 1959 Suppliers Directory a year ago.

The objectives of ASTME are "to advance scientific knowledge in the field of tool and manufacturing engineering" and through its members engage in research, writing, publishing and disseminating such information. The Society promulgates manufacturing know-how through its national meetings and tool shows; through monthly chapter technical meetings, on-campus conferences, seminars and symposia on designated themes; sponsorships of research by universities and internationally known institutes; and publication of books, handbooks, textbooks and periodicals — such as this Suppliers Directory.

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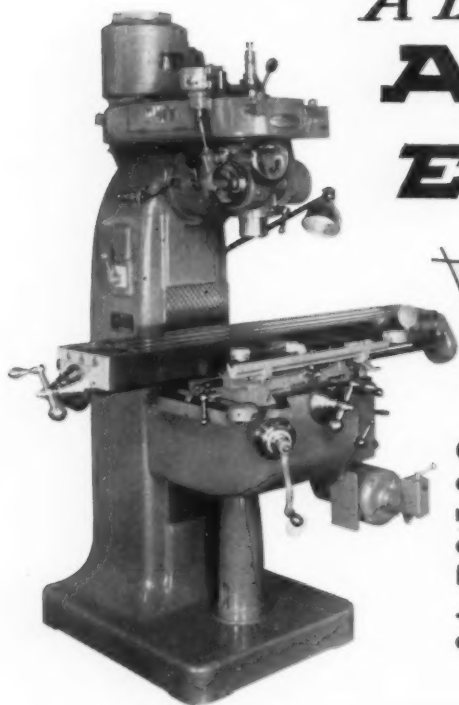
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POWER

A Lot More

ACCURACY

ECONOMY too!

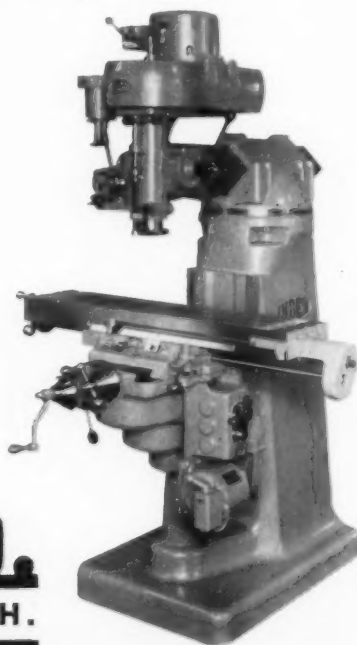


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● 1½ HP Head or optional 2 HP with continuous duty motor gives 50% or more capacity . . . More rigidity, more accuracy . . . Increased horse power and dynamically balanced Cast Iron Pulleys and Drive System afford improved production capacity . . . More weight in the column, heavier ribbed column, heavier knee, heavier saddle.

INDEX "45" VERTICAL
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A phone call will put them to work for *you*.

'60

THE TOOL ENGINEER

**SUPPLIERS
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see how you save
TIME and MONEY
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cut a keyway
 in one minute for one cent



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KEYWAY BROACH KITS

Using an arbor or hydraulic press, you can cut keyways by hand for as little as a penny apiece in just one minute with the Minute Man Keyway Broach Kit. For keyways from 1/16" to 1" in any bore from 1/4" to 3". Individual keyway broaches also available.

save set up time
 in holding dial gages



Minute Man[®]

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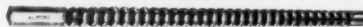
Universal joint swivel permits positioning dial indicators on a 180° vertical swing, 360° horizontal swing. Alnico magnet has 50-lb. grip on all four sides.

duMONT

save with standard
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Minute Man[®]



SQUARE BROACHES 1/8" to 3/4" holes



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Used in an arbor or hydraulic press for finishing holes to exact size in *one pass*. Round broaches are provided with burnishing teeth which produce a glassy finish to precision tolerances. Production Type Keyway Broaches also in stock.

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LONGER**

An almost perfect balance of wear resistance, toughness and red-hardness gives duMont Tool Bits a definite edge in cutting life, gives you more cuts per bit, more cuts per dollar.

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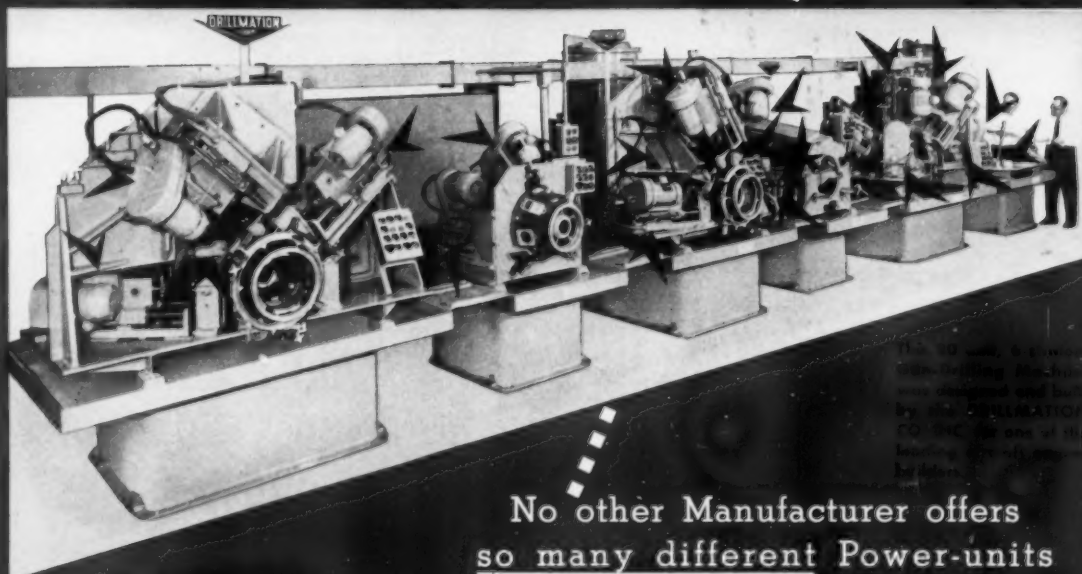
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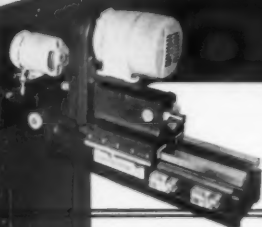


it's the components
that make a machine

**ONLY DRILLMATION POWER-UNITS
OFFER SO MANY "BUILT-IN" TIME
SAVING FEATURES....**



No other Manufacturer offers
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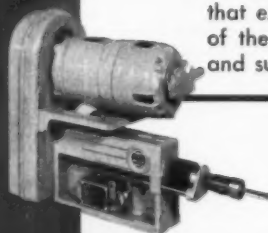


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A precision, Deep Hole Drilling Power Unit capable of drilling "finished" holes in one pass — from the solid, eliminating secondary operations.

Self-contained, with a patented hydraulic "locked-circuit" feed control that exerts thrust directly to the rear of the spindle, eliminating deflection and surge.

DRILLMATION
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TAPMATION
Lead Screw Model

Completely automatic, taps up to $\frac{7}{8}$ -9 in steel, self-contained — with safety clutch to protect spindle against over-travel. The only lead screw tapper with rapid advance and return.

Drillmation

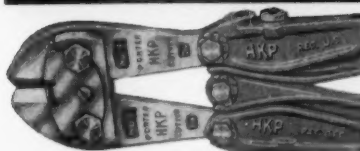
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PORTER ON-THE-JOB CUTTERS

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The **PORTER CENTER-CUT CUTTER** — in 6 sizes, for cutting up to $\frac{3}{4}$ ". Our most popular tool. Ideal for general free cutting of soft and medium hard steel. Other models for **HARDER METALS.**



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The **PORTER WORK-STATION CUTTER** — in 3 sizes, up to $\frac{1}{2}$ " capacity. For continuous cutting operations it can increase the metal-cutting capacities of one man up to 300%! Saves time, work, money! Leaves one hand free to feed or hold material.

FOR EVERY



The **PORTER HEAVY DUTY CUTTER** — in 3 sizes, up to $\frac{3}{4}$ " capacity. Specially designed for those rugged jobs in steel mills, construction companies and other heavy industries!

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SAVE TIME AND MONEY!
Over 100 Cutters in Various Sizes and Types — Hand or Power Operated

Contact your
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**FREE
CATALOG!**

CUT—
up to $\frac{3}{4}$ " rods
with **HAND
OPERATED TOOLS**
up to
 $1\frac{1}{2}$ " rods and
 $2\frac{1}{2}$ " power cable
with **POWER
OPERATED TOOLS.**

H. K. PORTER, Inc.
Somerville 43, Mass.

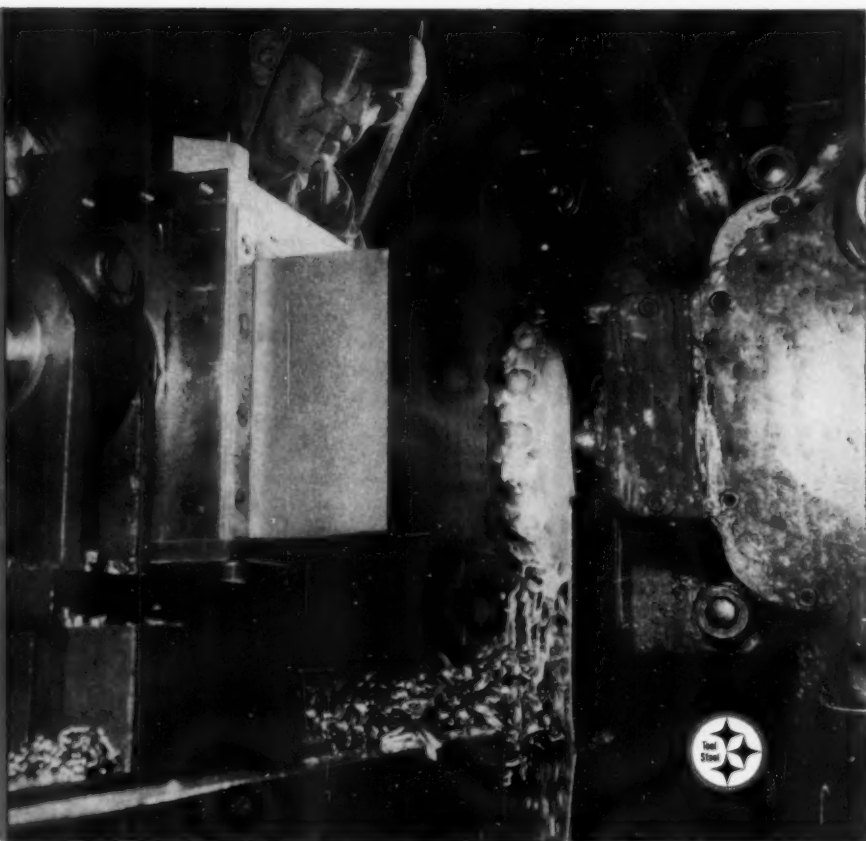
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PORTER ON-THE-JOB CUTTERS
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BAR and STRIP CUTTERS
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CABLE CUTTERS
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CENTER CUTTERS,
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CHAIN CUTTERS
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CLIPPER CUTTERS,
Round Edge
ELECTRIC WIRE CUTTERS,
Insulated
END CUTTERS
HANDKLIP CUTTERS
HEAVY DUTY CUTTERS
HYDRAULIC CUTTERS
ONE HAND CUTTERS
REINFORCING ROD CUTTER
ROD CUTTERS
SHEAR CUTTERS
SPRING WIRE CUTTERS
STRAP CUTTERS
WIRE CUTTERS
WIRE ROPE CUTTERS

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RIVETS
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FLAT BARS
CABLE
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REINFORCING RODS
SPRING WIRE
STEEL STRAPPING
STRIP STOCK
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HOT WIRE
WIRE ROPE

**Machining
Time—
Cut up
to 15%**



Dependable DESEGATIZED® FM Die Steels

. . . easier to work . . . easier to machine

In the production of thousands of metalworking dies, the properly dispersed alloy sulphides in Latrobe's FM High Alloy Die Steels have permitted increased feeds and speeds—*machining time cut up to 15% in most cases!* This cost-saving production is possible with no sacrifice of the excellent toughness, wear resistance and hardenability properties of the steel.

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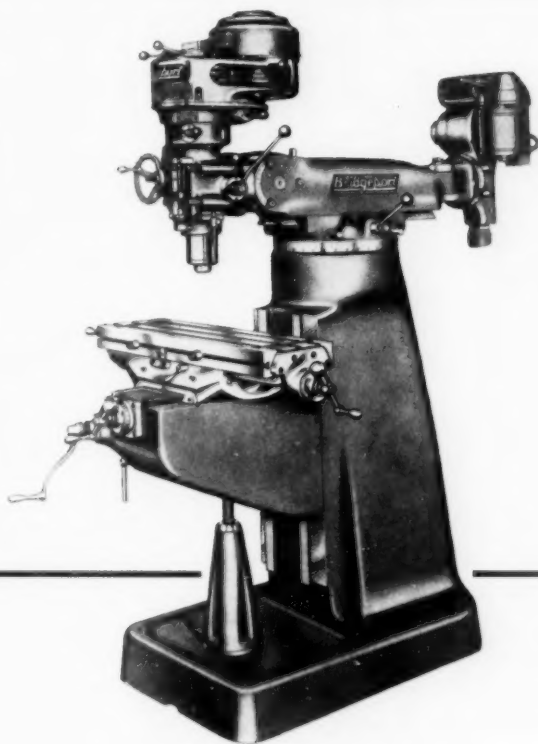
For better die steels and technical service, call your nearest Latrobe representative. Literature on grades available upon request.

Skillfully
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BRANCH OFFICES and STEEL SERVICE CENTERS: BOSTON • BUFFALO • CHICAGO
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Bridgeport

TURRET MILLING MACHINES

Exclusive features and practical attachments provide greater versatility, accuracy and productivity

ATTACHMENTS and ACCESSORIES to increase versatility

Milling, Drilling and Boring Attachments: Model "J" 1 HP;
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Cross Travel Stops
Lights
Right Angle Attachments
Nos. 1, 2, 3

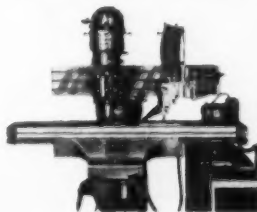
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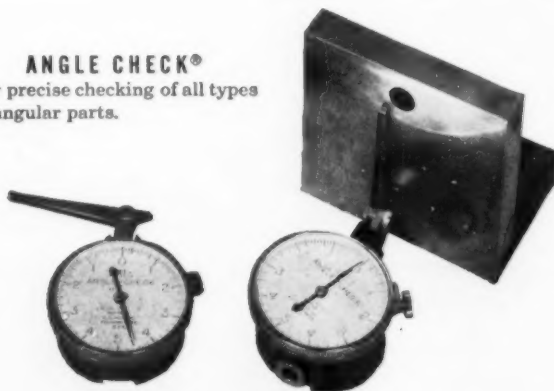
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No. 555
3 1/2" Diameter
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PERFECT PERFORMANCE *always*



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Multi-diameter design is recommended for combined operations such as counterboring, chamfering, spot-facing, and reaming. H.S.S. & T.C.T. Standard single diameter counterbores and countersinks available in a wide range of sizes in H.S.S.



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Another New Fastener Idea From Parker-Kalon

The New PARKER-KALON **W-POINT** Socket Set Screw

T.M.








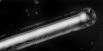

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*Now you can get the highest degree
of holding power ever attained!*

30% more back-out torque 50% more resistance to vibration 50% more resistance to rotary slippage

Like many important advances in technology, the Parker-Kalon W-Point concept is simple and straightforward. In use, its superior performance and holding power will be demonstrated to your own satisfaction. Available from P-K distributors at no increase in cost.

A COMPLETE LINE OF SOCKET SCREWS TO MEET EVERY REQUIREMENT!

<p>SOCKET HEAD CAP SCREWS</p>  <p>Heads are of uniform diameter. Threads Class 3A tolerance. Available in standard sizes from #2 to 1/2" diameter in alloy steel and from #0 to 1/2" diameter in stainless steel. Available in 1936 and new 1960 "Pre-Lode" Series.</p>	<p>SOCKET SET SCREWS</p>  <p>Precision Class 3A threads, standard in Cup Point from #0 to 1" and in Flat, Oval, Cone and Half-Dog Points from #4 to 1/2". Cup Point also available in stainless steel.</p>	<p>SHOULDER SCREWS</p>  <p>Threads Class 3A tolerance. Heads are concentric with body for uniform, accurate assembly. Available in standard sizes from 1/8" to 1/2" diameter.</p>	<p>FLAT HEAD SOCKET CAP SCREWS</p>  <p>Seats flush when countersunk. Heads have uniform 82° angle. Threads Class 3A tolerance. Special alloy steel, heat treated. Available in standard sizes from #4 to 1/2".</p>	<p>BUTTON HEAD SOCKET CAP SCREWS</p>  <p>Heat treated alloy steel. Accurate hex sockets make for non-slip driving, prevent mutilated heads. Threads Class 3A tolerance. Standard sizes from #4 to 1/2".</p>	<p>SOCKET SEMS</p>  <p>P-K is the only fastener manufacturer to provide socket Sems, to meet your needs for precision-made socket head cap screws with split ring washers.</p>	<p>HEX KEYS</p>  <p>Made of special analysis alloy steel, scientifically engineered. Heat treated for optimum physical characteristics. Made to close tolerances.</p> <p>DOWEL PINS</p>  <p>SOCKET PIPE PLUGS</p> 
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*Now you can get all of these famous P-K® quality
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Look at that groove! It's P-K's secret weapon against vibration. Filled with Polycap nylon-type polymer, it solves a thousand and one problems where vibration is present... where adjustment is required... where reuse is a factor, over a wide temperature range.

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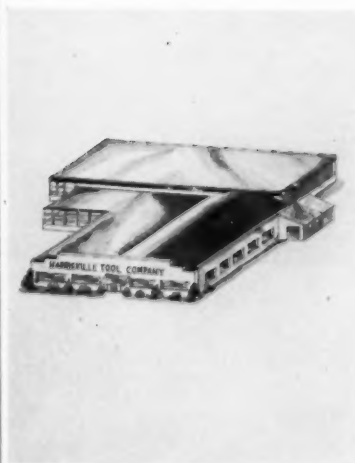
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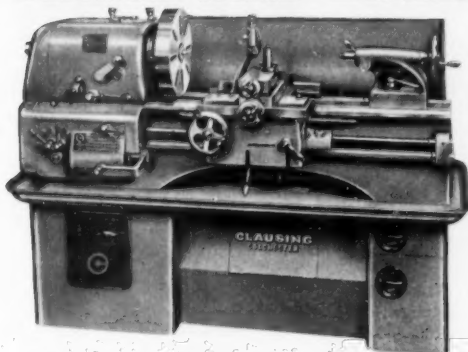
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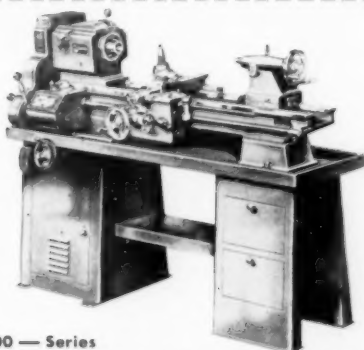
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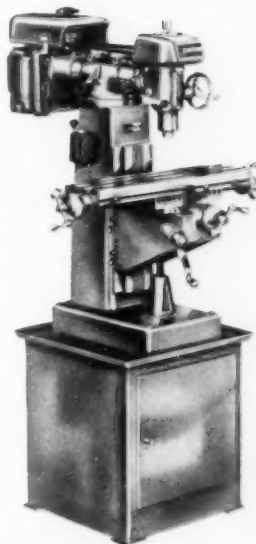
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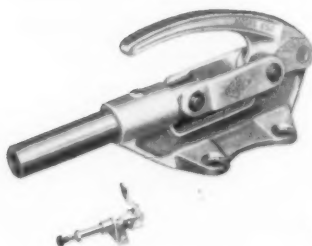
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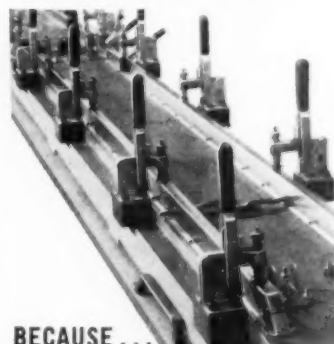
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Fast Fillet Welding

automatic head rides the girders it welds

BY SIMPLE AND INGENUOUS TOOLING, a tractor-mounted Lincoln welding head has been rigged to ride the large plate girders it is welding, *Fig. 1*. Fillets can be laid down at a rate of 500 ft per 8-hour shift using this rig. The tractor follows contours or curves without manual adjustment by traveling on the section.

The web and flanges of a girder to be welded are first tack-welded manually and placed in cradles that position the assembly 45 deg from horizontal. The rail upon which the tractor rides is made by welding 1½-inch square bar stock to hooked straps. The rail is then hung on the flange.

Both outside wheels of the tractor are grooved at 90 deg to ride the square rail and the inner tractor wheel is beveled at 45 deg to ride on the girder web, thus keeping the unit level and at a preset height. This brings the electrode point and

flux nozzle directly over the web-to-flange joint and permits laying down a continuous fillet in the flat position, as shown in *Fig. 2*. The girder shown is of a special section, the lower flange being an I-beam instead of a flat plate. The web is 4 ft deep. Lengths run from 20 to 40 ft.

For different size sections, adjustment is made by changing the position of the travel rail. It can be hung either inside or outside the flange, depending on the size of the section. The positioning cradles are inexpensive, easily moved by crane and require little storage space.

Setup costs are negligible since only placing the girder in the cradle and attaching the travel rail is involved. When a weld is completed, the tractor can be picked up by a crane and placed on an adjacent job. Using only one operator and a helper, 80 percent operating factors can be realized.

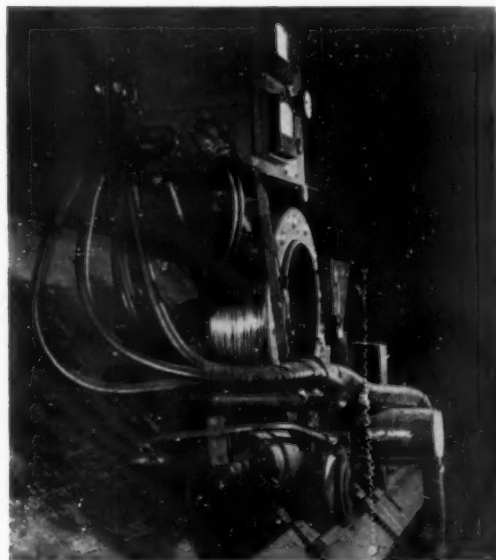


Fig. 1. In welding up a girder, the head travels on two 90-deg grooved outside wheels riding a square rail and a 45-deg beveled wheel riding the web.

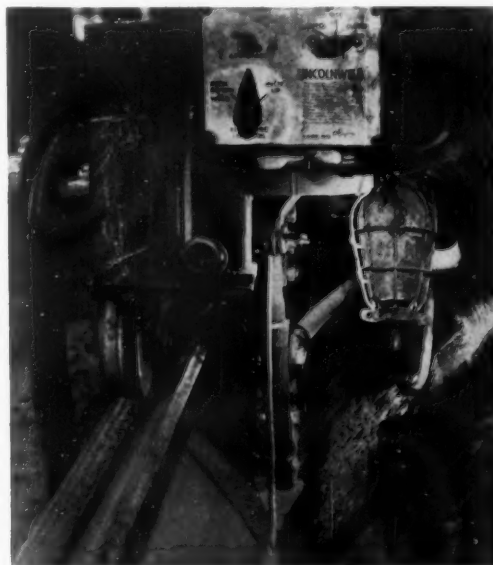


Fig. 2. Electrode point and flux nozzle are positioned directly over the joint to be welded. Operation is at the Fort Pitt Bridge Works.

SOLUTION: On Fig. 1 connect the points for $\mu = 0.03$ and $u = 70$ and extend this line to intersect the uncalibrated dummy scale. Next, connect the intersection point on this scale with the point for $V = 6000$ and read off:

$$\frac{\mu u}{V} = 0.00035$$

On Fig. 2, using the distance between the points $f = 0.0006$ and $r = 0.8$, as a diameter, draw a half circle as shown. The intersection of this circle with the vertical scale gives the value:

$$\sqrt{\frac{2f}{r}} = 0.0388$$

Alternatively, the same point can be obtained by manipulating a right-angle triangle in such a manner that the sides of the right angle cross the required points on the horizontal line and the vertex lies on the vertical line. At this point the answer will be read.

On Fig. 3 connect the point representing the value of 0.0388 found on Fig. 2 with $\mu u/V = 0.00035$ obtaining $G = 0.0000136$. Connecting the last point with $V = 6000$ a reading of $WW_1 = 0.041$ results. On Fig. 5 connect the points for $u = 70$ and $f = 0.0006$. A value of $P = 0.51$ is obtained. Exact calculation of the equations gives the following values:

$$\frac{\mu u}{V} = 0.00035$$

$$\sqrt{\frac{2f}{r}} = 0.03873$$

$$G = \frac{\mu u}{V} \sqrt{\frac{2f}{r}} = 0.00001355$$

$$WW_1 = 1800 \times 10^4 \frac{G}{V} = 0.0408$$

$$P = 0.504$$

Higher Values of G

EXAMPLE 2: Given $\mu = 0.012$, $u = 120$, $V = 2000$, $f = 0.0009$, $r = 2$, $T = 80$, find G , WW_1 and P .

SOLUTION: Proceeding as in the foregoing example, Figs. 1, 2 and 3 give the following:

$$\frac{\mu u}{V} = 0.00072$$

$$\sqrt{\frac{2f}{r}} = 0.03$$

The value of G in this case falls outside range of the nomogram so the value of the square root of $2f/r$ is reduced by half (to 0.015) and a substitute value of $G = 0.0000108$ is obtained. (The real value of G is twice this or 0.0000216.) Continuing, WW_1 for the reduced value of G is obtained as 0.098. (Real value is 0.196.) on Fig. 4 connect the points for $u = 120$ and $T = 80$. Measure from 0 on the u scale $OC = AB$. Connect C and E and draw AD parallel to CE. The length CD gives the value:

$$\sqrt{\frac{u}{T^2 + u^2}} = 0.83$$

On Fig. 5 connect this point to $WW_1 = 0.196$ obtaining $WW_2 = 0.163$. P is obtained by connecting the points for $u = 120$ and $f = 0.0009$. Exact calculation gives the following:

$$WW_1 = 0.1944$$

$$\sqrt{\frac{u}{T^2 + u^2}} = 0.832$$

$$WW_2 = 0.16174$$

$$P = 1.296 = 1.3$$

References

1. Chapman, W. H.—"Cylindrical Grinding," *Trans. Am. Soc. Mech. Engrs.*, Vol. 42, 1920, p. 595-619.
2. Carmichael, Colin; et al.—*Kent's Mechanical Engineers' Handbook, Design and Production Volume*, John Wiley & Sons, Inc., 1950, p. 23-84 to 23-89.

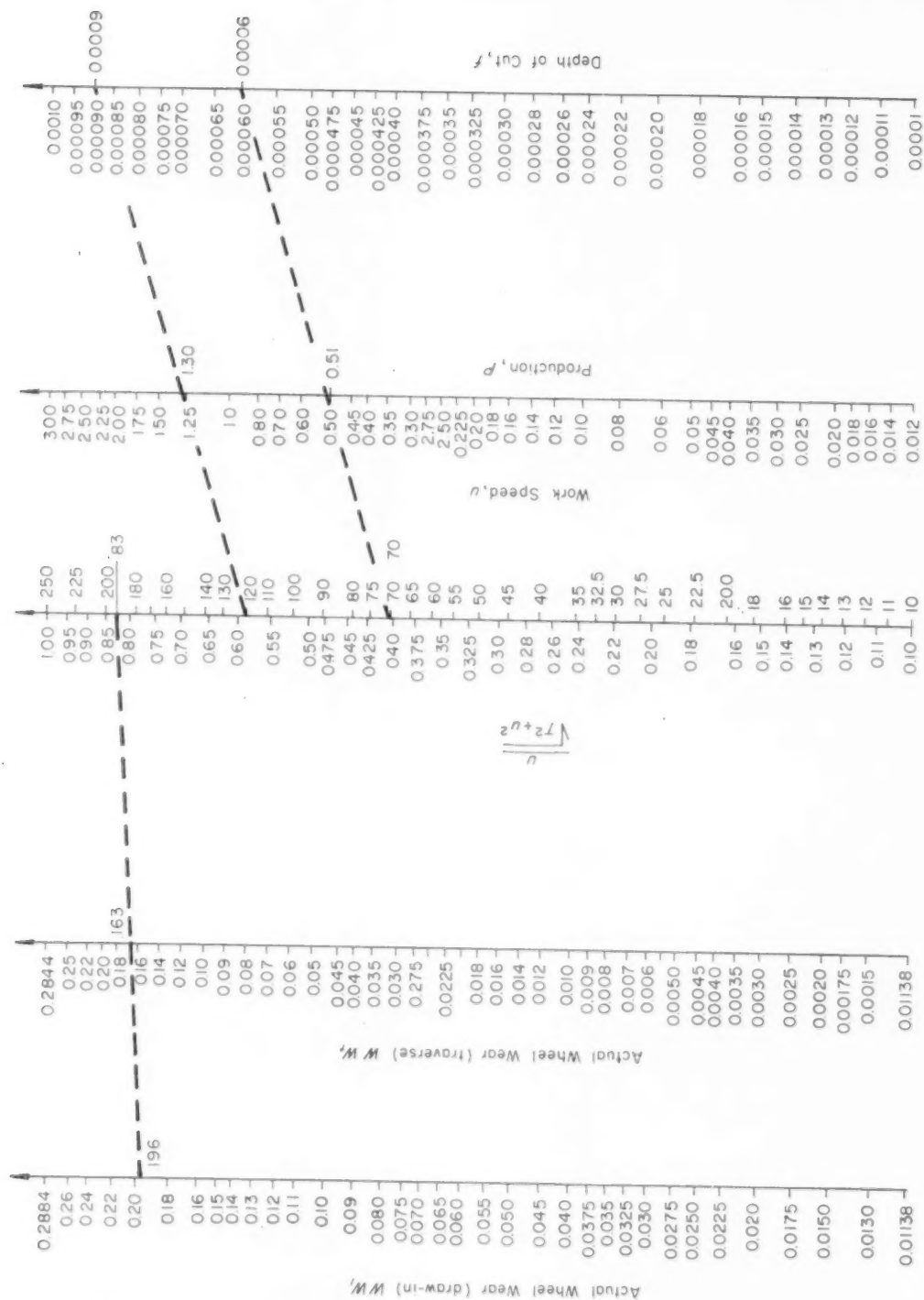
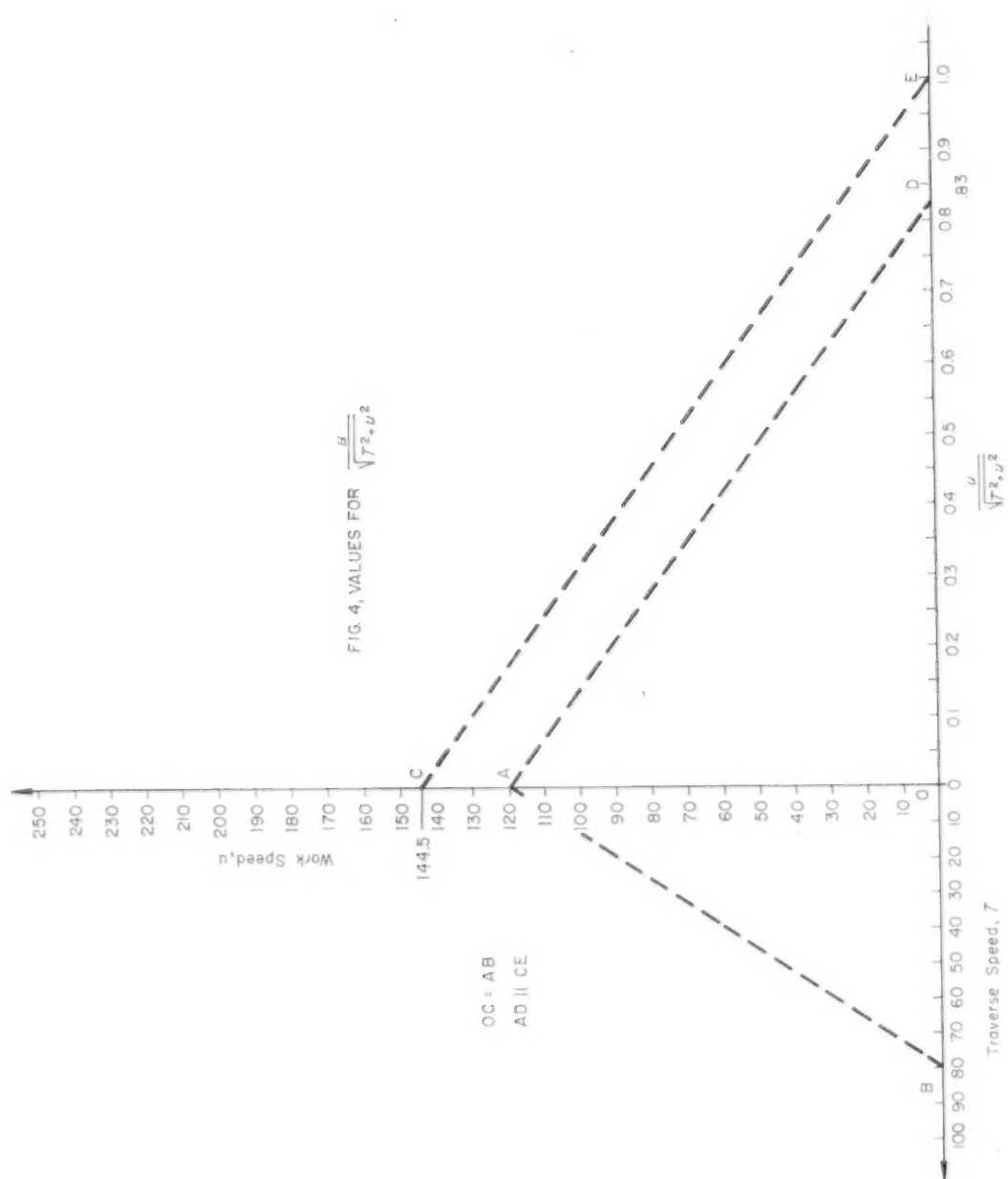


FIG. 5. VALUES FOR W_d , AND P

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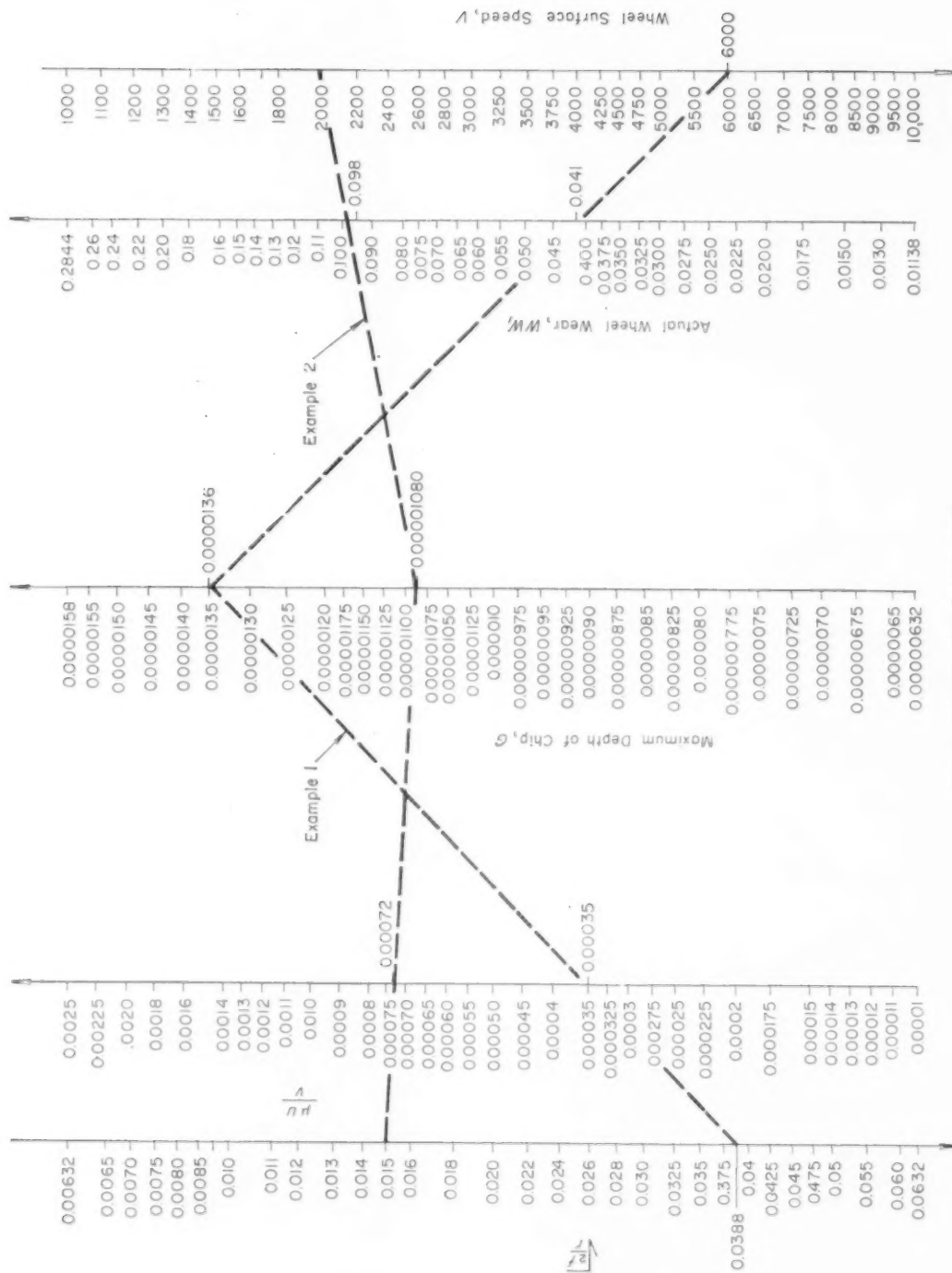
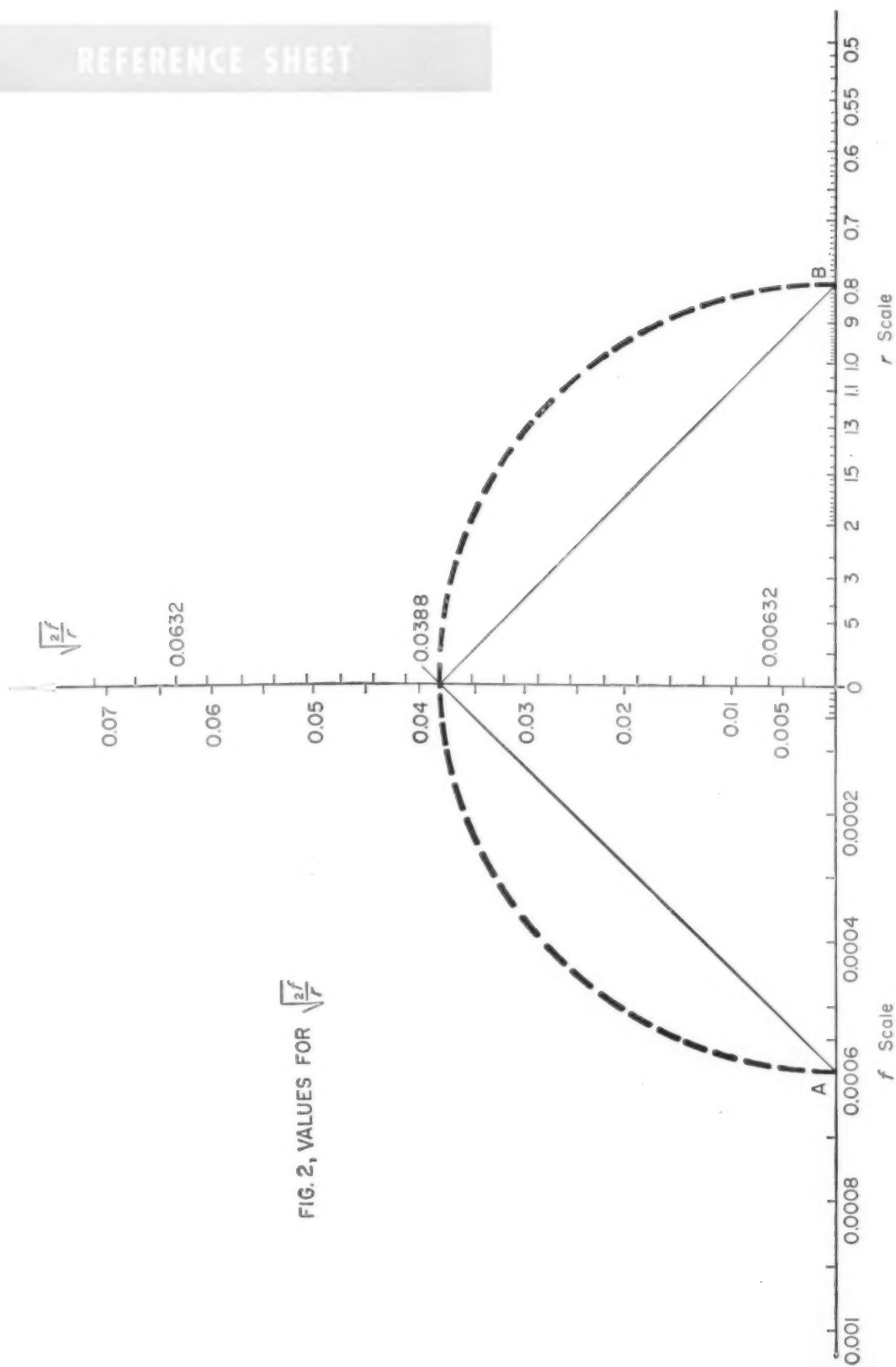


FIG. 3: VALUES FOR G AND W, W_i

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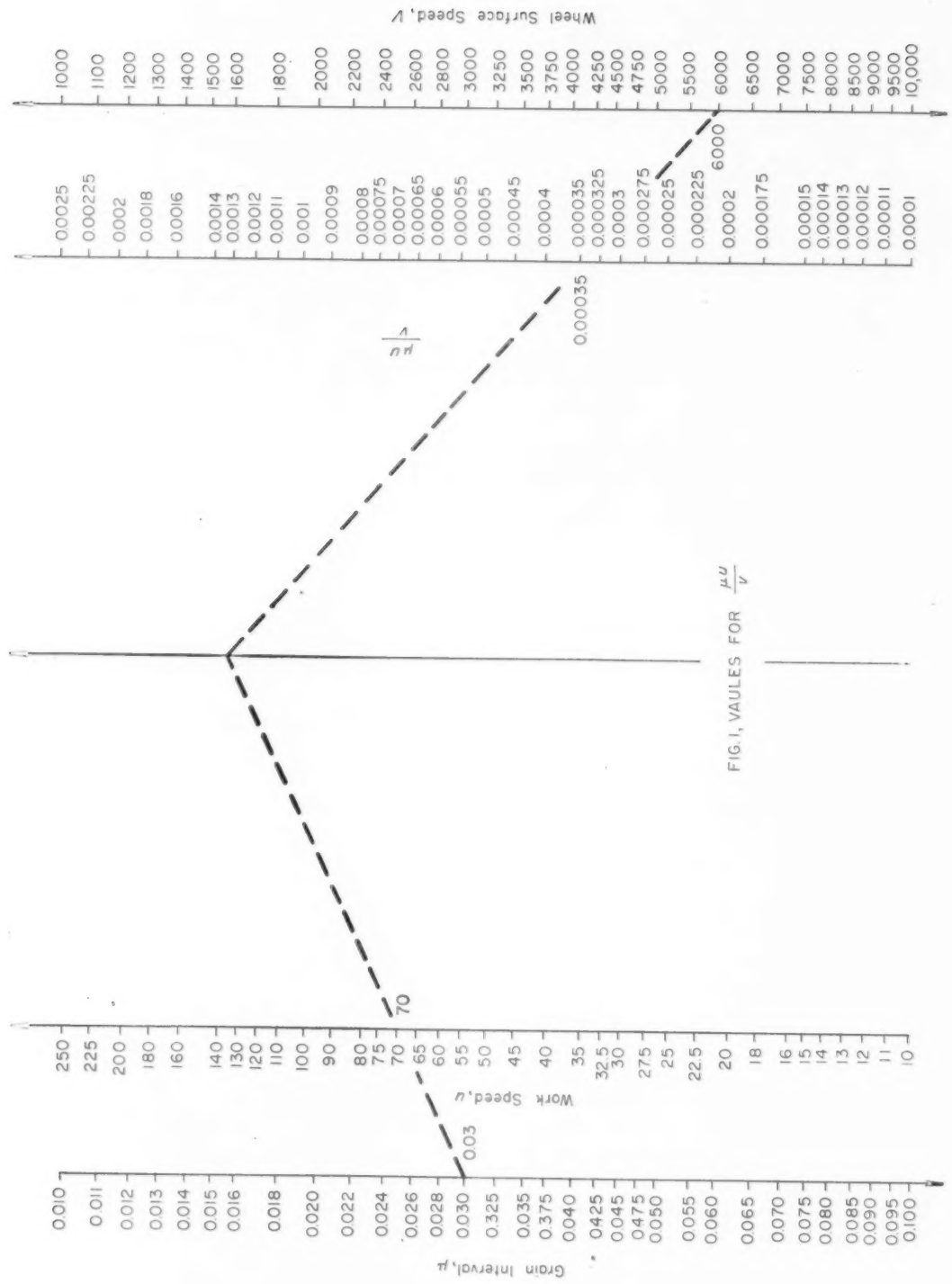


FIG. 1, VALES FOR $\frac{\mu v}{V}$

calculating Grinding Wheel Wear and Production

By S. R. Uniechowski

Associate Professor, Engineering Mechanics
University of Detroit
Detroit, Mich.

DESIGN AND SPECIFICATION of abrasive wheels are based on grain depth of cut, actual wheel wear, and the amount of material removed per minute. Each of these factors must be calculated for each set of production conditions. The following formulas have been established for calculating these variables:

For approximate grain depth of cut or maximum depth of chip:

$$G = \frac{\mu u}{V} \sqrt{\frac{2f}{r}} \quad (1)$$

For the index of wheel-wearing action due to grinding on draw-in cuts:

$$W_i = \frac{\mu u}{V^2} \sqrt{\frac{2f}{r}} \quad (2)$$

For the actual wheel wear:

$$WW_i = 1800 \times 10^4 \frac{\mu u}{V^2} \sqrt{\frac{2f}{r}} \quad (3)$$

For the index of wheel wear for traverse cuts:

$$W_t = \left(\frac{u}{V^2}\right) \left(\frac{u}{T^2 + u^2}\right) \sqrt{\frac{2f}{r}} \quad (4)$$

For the actual wheel wear for traverse cuts:

$$WW_t = 1800 \times 10^4 \left(\frac{u}{V^2}\right) \left(\frac{u}{T^2 + u^2}\right) \sqrt{\frac{2f}{r}} \quad (5)$$

For the amount of workpiece material removed per minute, or production:

$$P = 12 uf \quad (6)$$

Where G = maximum depth of chip, inches; μ = intervals between grains of wheel, inch; u = work speed, fpm; V = surface speed of wheel, fpm; f = depth of cut on work radius, inches; r = radius of work, inches; W_i = index of wheel-wearing action due to grinding for draw-in cuts; WW_i = actual wheel wear for a wheel one inch wide for draw-in cuts, cu in./min; W_t = index of wheel wear for traverse cuts; T = traverse speed, fpm; WW_t = actual wheel wear for traverse cuts for a wheel one inch wide, cu in./min; and P = production, cu in./min.

Three nomograms and two charts are presented here for the solution of Equations 1, 3, 5 and 6. These charts and nomograms expedite calculations and are sufficiently accurate for most design purposes. Use of these graphs can be illustrated by the following two examples.

Calculating Values

EXAMPLE 1: Given the values $\mu = 0.03$, $u = 70$, $V = 6000$, $f = 0.0006$, and $r = 0.8$, what are the values of G , WW_i and P ?

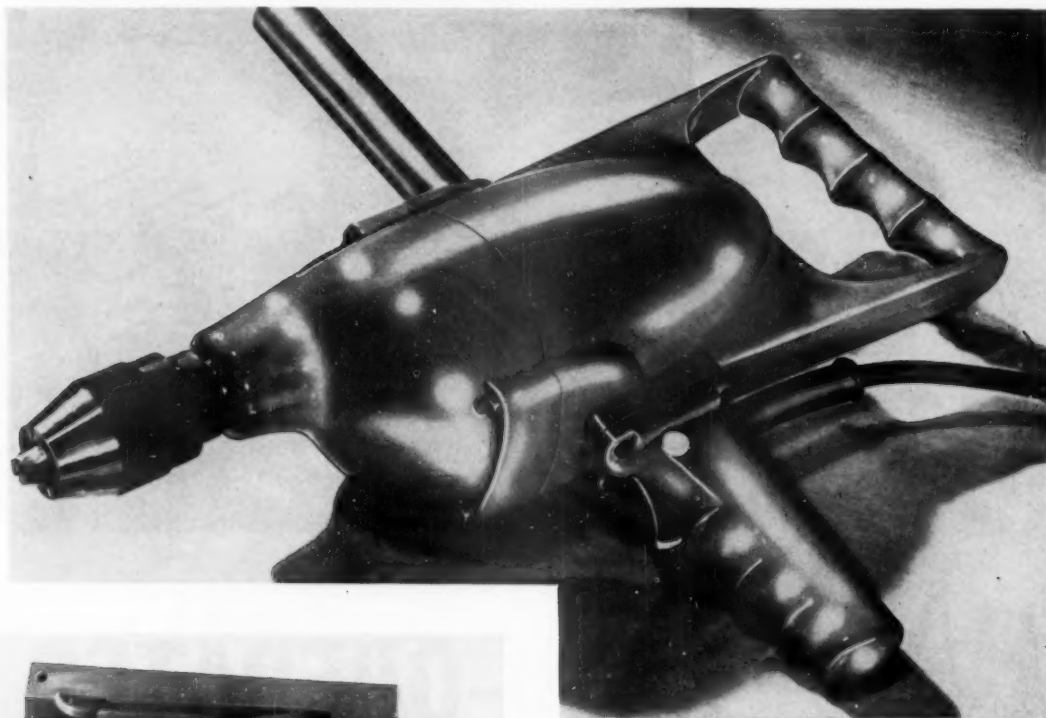


Fig. 2. Dies for producing this portable drill were machined in less than 50 hours, including patterns. About 8.5 hours of handwork was required.

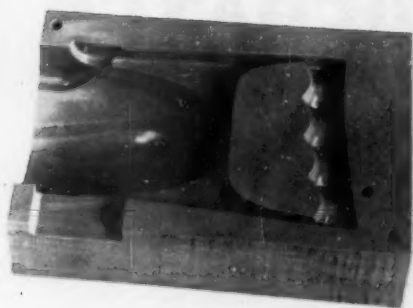


Fig. 3. Patterns for the drill housing were machined directly from the drawings. Mirror-image parts are made with a reverse symmetry attachment.

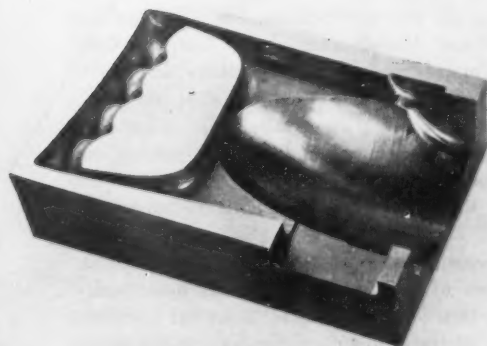


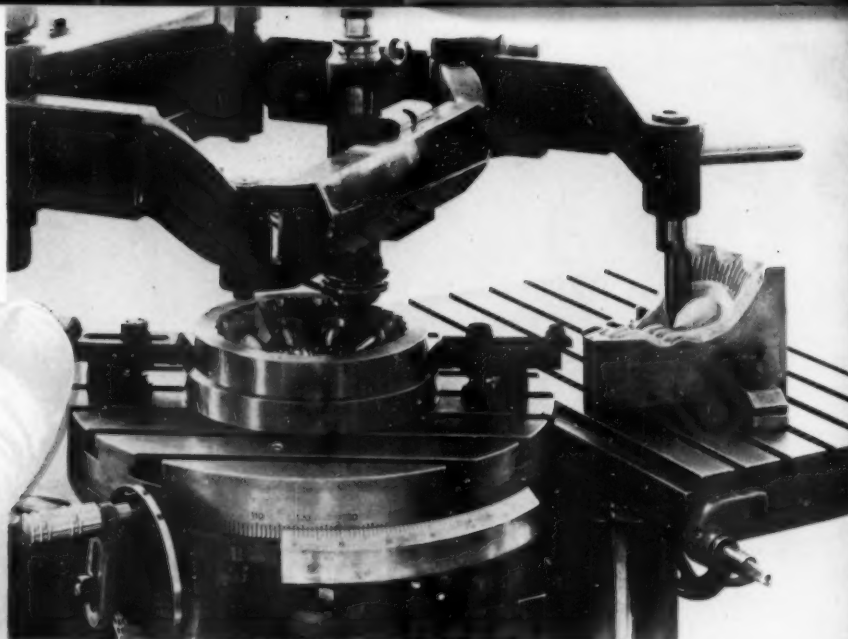
Fig. 4. Finished die for one half of the housing, machined in less than eight hours. The milling lines shown are about 0.0003 to 0.0004 inch deep.

using the machine's reverse symmetry attachment that makes mirror images for right and left-hand patterns. Machining the five patterns took 17.75 hours machine time and 7.25 hours handwork.

Diemaking: Fabricated in tough alloy hot-work steel, the dies were rough-machined using the optical reticle attachment. With this attachment, stylus deflection is displayed as a moving light dot on a reticle. Both pattern and die blank move as the operator turns the machine handwheels. As he turns the handwheels to trace the pattern with the stylus, the operator keeps the light dot close to the cross-hair centers on the reticle. In this fashion a piece is rough-milled to within 0.20 inch without transmitting heavy cutting forces to the operator's hand. The rough milling was omitted on the pistol grip dies since there was not too much stock to be removed. For all dies, semifinish passes using the pantograph completed machining. The five pieces were machined in 31.5 hours. Finish obtained can be seen in *Fig. 4*.

Though not a recent innovation, hand-operated pantographs can provide accuracy and finish with an economy of operation that the more expensive techniques will find difficult to surpass.

Fig. 1. Pantograph copy miller, capable of producing to ± 0.0005 inch. A variety of attachments make the machine flexible.



why
use

HAND-OPERATED TRACER MACHINES?

By Franz Rossberger

Friedrich Deckel
Munich, Germany

Accuracy to ± 0.0005 inch, good surface finish and economy are delivered by a hand-operated copy miller. Though automatic tracers and numerical control are versatile and useful for many operations the pantograph still is a good tool.

MACHINING complex three-dimensional dies generally involves the use of automatic tracers or numerical control, or extensive hand work. Another method employing the pantograph is sometimes overlooked. Hand-operated copy millers can provide an excellent means of doing these difficult jobs with neither a great investment in equipment nor excessive handwork costs.

Intended for production of small and medium

dies for the plastics, die casting and forging industries, the Deckel machine, Fig. 1, can produce work accurate to ± 0.0005 inch and a variety of attachments make the machine versatile. Where accuracy and surface finish are particularly important, the machine produces with economy. Exemplifying its capabilities, the portable power drill case, Fig. 2, was made from dies produced on this machine. Manufacture of the dies was done in two major phases, patternmaking in plastic material and diemaking in tough alloy die steel. Total time, including all required operations such as machine setup, cutter grind, template-making and hand-finishing the work was less than 50 hours machine time and less than 8.5 hours handwork.

Patternmaking: Working from a blueprint, dimensions of the drill case were set numerically in the pattern forming attachment for the machine. Freeform surfaces required the use of templates, but distances, angles and radii were set directly. By this means, the pattern shown in Fig. 3 was generated in plastic. The mating half was formed

hydrogen to one mole of hexafluoride is needed for complete reduction, satisfactory coatings are obtained when the ratio is lower. In practice, smooth deposits are insured by using a hydrogen-to-hexafluoride ratio greater than six. Wide variations in the flow rate of the gases and in the pressure in the system have no major effects on either the efficiency of the process or on the quality of the coating. Although the optimum temperature range for rapid formation of smooth deposits is 650 to 700 C, temperatures in the range from 300 to nearly 900 C are fairly effective. Definite crystal growth is observed at 900 C when the ratio of hydrogen to hexafluoride is 3 to 4.

Spectrochemical examination shows that the tungsten obtained by vapor deposition is purer than ordinary commercial tungsten. Silicon is the only impurity present in a concentration of 0.1 percent or more. The deposited metal has the theoretical density of pure tungsten—19.3 g/cc—which is higher than that of tungsten compacts produced by powder metallurgy or by flame spraying. Plating eliminates the tiny holes between tungsten particles resulting from the other two processes.

The hardness of the deposits obtained at 650 C is about 475 Vhn, or about the hardness of ordinary commercial tungsten. The crystals deposited at 900 C are not as hard (410 Vhn), indicating a slightly higher degree of purity.

The adhesive bond between the tungsten coating

and various basic materials has been investigated. Adhesion to molybdenum and nickel is good; to copper, somewhat weaker; and to iron, rather poor. The tungsten-graphite bond is about as strong as the graphite itself. Tungsten deposited on ceramics also shows good bonding.

Deposits $\frac{1}{16}$ inch thick are obtained by vapor deposition in one hour. Maximum thickness of deposit that can be obtained by the vapor method has not been determined, but would depend on the permissible roughness of the surface. Because of the rapidity of deposition, this process lends itself to the production of tungsten-coated strips or wires.

Plating a metal strip or wire is simple, but the uniform distribution of tungsten over an irregularly shaped object is a problem that must be solved for each item. Deposition is more uniform over the exterior of an object if plating is conducted in a chamber much larger than the object. Since tungsten deposition occurs in greatest quantity where the gases first strike the hot object, better distribution probably can be obtained by passing hydrogen through the main opening in the chamber and leading the tungsten hexafluoride to various parts of the system by a system of injector tubes.

To obtain an all-tungsten part, a metal form is used. This form is chemically dissolved after deposition of the tungsten. The method of separating the tungsten part from the metal form depends on the metal used for the form.

Engineering Enrollment Declining

Causes for the decline in freshman engineering enrollment in U. S. colleges were recently revealed through a special survey conducted by the Engineering Manpower Commission of Engineers Joint Council. Results indicate a continuing trend, started in 1958-59 when freshman engineering enrollments decreased for the first time since 1950 with enrollment 11.1 percent less than that of the previous year. The 1959-60 enrollment of freshmen showed an additional decline of 3.4 percent.

The EJC study covered 151 of the 231 U. S. colleges that offer degree credit engineering courses. Approximately one-half of these reported a lower enrollment in the fall of 1959 than in that of 1958, and an increasing number of colleges reported greater dropout rates among engineering students.

Geographic areas most affected by the decline in enrollment are the south, south central and mountain states. Public institutions in these areas are particularly affected, while private institutions, especially in the east and midwest, have not experienced as large a decrease.

Statements of the engineering deans of 150

schools indicate that reasons for the enrollment decline or eventual dropout appear to be (1) the increased interest of qualified students in other fields of science, notable since "science and the space age" has been glamorized in the public opinion; (2) concern over the rigors and demands of engineering education; and (3) decrease in applications from students lacking genuine interest and motivation for engineering.

On the positive side, the study showed that the problem of accepted students not immediately enrolling in engineering at the beginning of the college year had decreased, and that the proportion of acceptable applicants had increased over that of 1958-59. Eighty-three percent of the colleges surveyed anticipate maintaining or increasing the level of freshman enrollment in the fall of 1960.

Consensus of the deans indicates that high school preparation is not adequate for engineering, that many students lack maturity, and that the engineering profession must communicate more effectively with young people if it is to enlist the interest and ultimate education of potential engineers.

Setup for plating parts with tungsten. Object to be plated is in ceramic cylinder at left. Hydrogen fluoride, the only impurity formed during the plating process, is absorbed in trap.



TUNGSTEN COATINGS

for high-temperature service

High-purity tungsten can be easily plated on metal surfaces, using a new vapor deposition process. The same process can be used to build up complex parts of pure tungsten.

TUNGSTEN IS ONE OF THE FEW METALS that possess structural strength at temperatures above 2000 C. Its extremely high melting point (3140 C), hardness and corrosion resistance make it a desirable material for high-temperature equipment. Until recently, however, the high-temperature properties of tungsten could not be effectively utilized. Its brittleness and hardness prevent it from being machined by conventional methods, while its weight restricts its uses in aeronautical equipment. For these reasons, efforts were made to develop a practical method for depositing tungsten coatings.

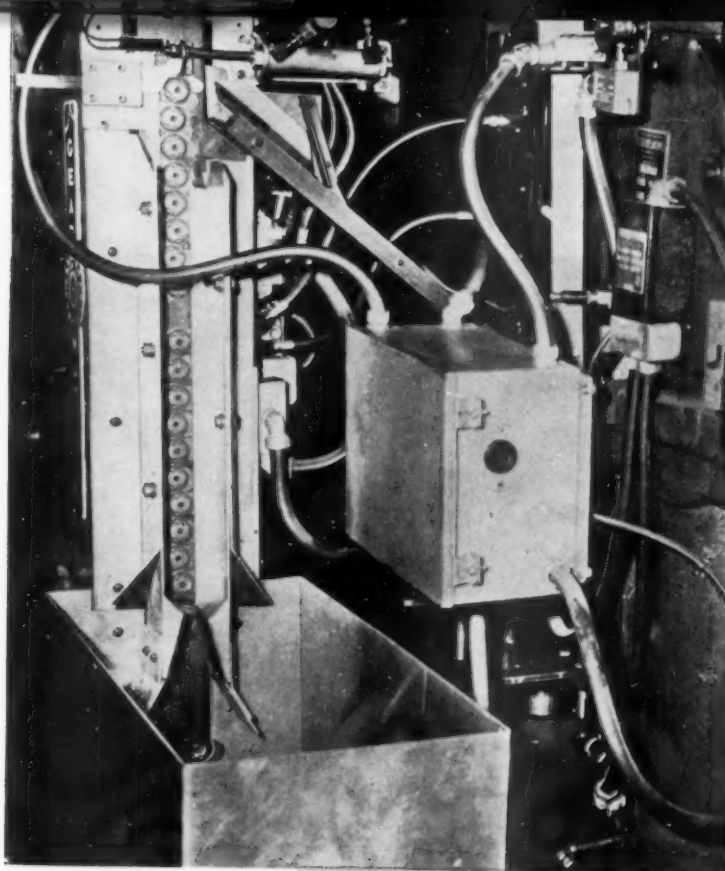
A method developed at the National Bureau of Standards involves reducing gaseous tungsten hexafluoride with hydrogen by passing it over the heated

object to be plated. At temperatures above 300 C, tungsten is deposited on the hot surface and the only other reaction product, hydrogen fluoride, passes out with the excess of hydrogen.

By this method, it is possible to coat both simple and complex surfaces. Possible applications are rocket and missile nozzles and jet engine parts. The technique also lends itself to the fabrication of tungsten articles and may be the only way that complicated shapes of tungsten can be formed. Simple tungsten shapes for use in vacuum tubes have already been produced by the new process.

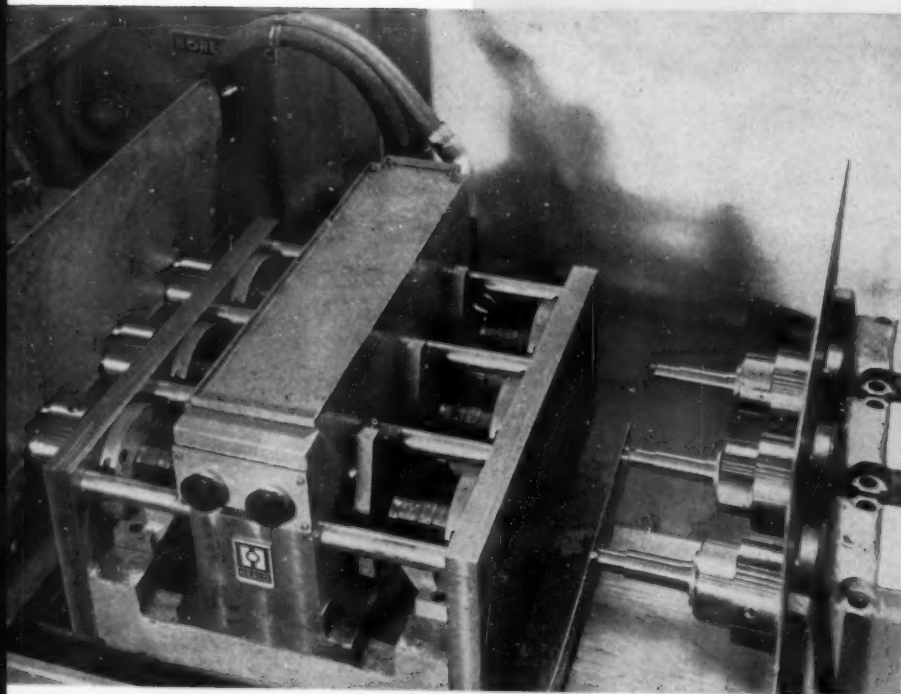
As shown in the accompanying illustration, the equipment required is simple. The object to be plated is placed inside a cylinder of ceramic material and the air pumped out and replaced with hydrogen. A controlled-temperature induction furnace heats this object to about 650 C. Then the two gases, tungsten hexafluoride and hydrogen, are passed through ordinary glass flowmeters into the reaction chamber. When the gaseous mixture comes in contact with the heated object, tungsten is deposited on the hot surface. The byproduct of this reaction, hydrogen fluoride, is absorbed in a suitable trap.

Although the theoretical ratio of three moles of



MAGNETIC orientor-loader automatically feeds and positions bail-holding for riveting on paint cans. An impregnated canvas belt carries ears out of a hopper over north and south pole steel bars. The bars are spaced apart by Alnico rods. By varying the spacing of the rods the magnetic field is distributed to obtain a relatively weak field of attraction near the center of the belt. Ears are attracted in clusters at the bottom of the belt but, as the belt rises, those that are improperly oriented drop off. The loader was developed by Gear-O-Mation Div. of Michigan Tool Co.

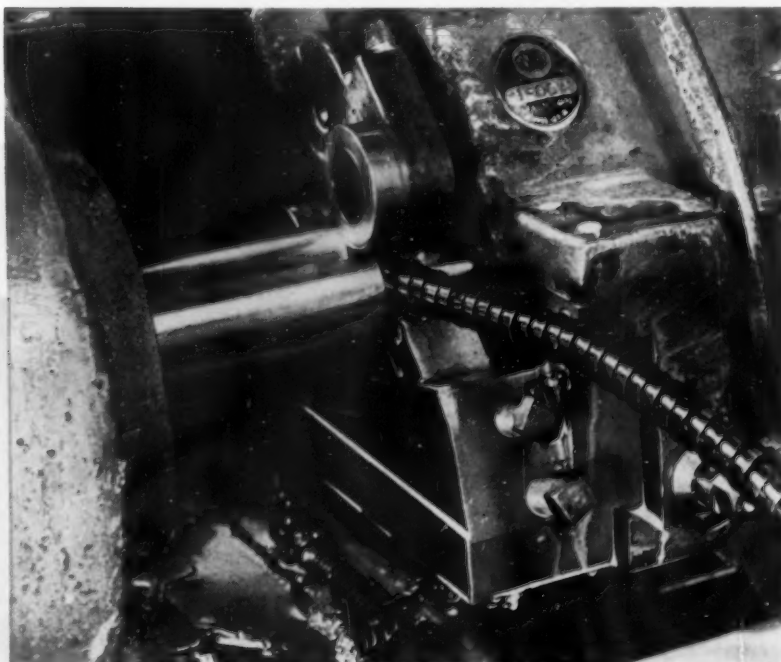
TOOLS at work



HYDRAULIC clamping fixture on a Heald 222 Bore-Matic holds six parts, three on each side. While the parts on one side are bored, the operator unloads and loads the other side. The table automatically reverses and unclamps the finished parts when tools are clear. The machine, in operation at Chrysler in Highland Park, Mich., processes 405 gray iron rear wheel brake cylinders per hour at 75 percent efficiency.



OPERATOR INSPECTS finished deburred parts processed in a Lorco vibratory finishing machine. The equipment consists of a bowl in which the parts and deburring media are contained, a spring mounting system on which the bowl is mounted, and a power source which provides vibratory motion. The vibrator bowl can be loaded to 90 percent of capacity.



ROLLER turner tools made by Kennametal Inc. aid in turning two-inch diam, SAE 1045 steel piston rods at the Heil Co. Turning speed is 496 rpm with 0.009 ipr and 1/2 inch depth of cut on the rods.



TOOL STEEL is welded to mild steel to form composite die sections at Allegheny Ludlum's Forging and Casting Div. The welder will handle shapes up

to 15 inches wide and 18 inches long or a total of 150 square inches. Welding pressure available is 1600 psi. Power supply is 750 kva.

TOOLS at work

Table 5—Applications of High-Energy Forming

Types of Parts	Large-Mass Systems	High-Velocity Systems	High-Temperature Systems
Flanged stiffeners	B	C	C
Deep-drawn parts	C	C	A
Expanded tube	D	A	B
360-deg skins*	D	B	B
Less than 360-deg skins**	C	B	A
Sizing	C	A	A

A—very applicable
B—intermediate applicability
C—slightly applicable
D—not applicable

*ducts, shrouds, etc.
**beaded panels, curves, skins, corrugations, etc.

formability trends. TABLE 4 indicates general materials application to the various high-energy methods from a formability standpoint.

It should be noticed that the aluminums, titaniums, stainless steels, and tool steels exhibit fairly good formability by all forming methods. Beryllium, the superalloys (nickel and cobalt base), and the refractory metals, however, can be formed satisfactorily only by the high-temperature methods.

Because of the direction of pressures and the limitations in handling these pressures, the high-energy methods of forming are limited to specific shapes as shown in TABLE 5.

Only the large-mass systems are suitable for forming flanged stiffeners because of the difficulty in restraining the pressure medium from getting on the back side of the flange. These types of parts could be fabricated by both explosive and hot-fluid forming but extra material would have to be allowed so that proper sealing could be accomplished. This, however, requires a final trimming operation and results in a waste of material.

The high-velocity systems can be seen to be applicable primarily to expanded tubing and sizing operations. Integrally stiffened skins such as beaded panels, ducts, and shrouds can be formed readily by these methods provided proper sealing methods are used. Deep-drawn parts are generally not very formable by the high-velocity systems except for such parts as dome ends and nose cones that are made of relatively heavy-gage material and that have sufficient lateral support around the periphery to prevent wrinkling.

The high-temperature systems are applicable to all part types listed except the flanged stiffeners. Deep drawing is particularly applicable because the temperature throughout the system can be controlled very well. It is beneficial, for example, to heat the flange to a higher temperature than the remainder of the part to allow compressive flow and still retain a high enough strength in the high tension area for drawing. Practically all integrally stiffened skins are more applicable to the high-temperature systems than to the other systems.

Considerable progress has been made in developing the high-energy forming methods, particularly explosive forming. Future work should be slanted toward better applications, with a realization of the restrictions and limitations of each process.

Hot-fluid and explosive forming eliminate the need for the heavy presses when they can be applied; however, there are numerous types of parts and materials that can be formed better with presses. The heavy presses will probably not be used relatively as much in the future on such materials as the refractory metals, beryllium and some of the superalloys. High-temperature systems are applicable for forming these materials.

The future will see more of explosive forming because of the general trend toward limited-production type aircraft. Dies can be made of thick castings with the elimination of matched coping and excessive machining. These dies can generally be made of a cheap and workable material such as kirkite. Because explosive forming is most applicable to low production rates, it will probably never become a good high-production method.

The high-temperature methods, on the other hand, are readily adaptable to fairly high production rates. Cycle times are generally of the order of 2 to 7 minutes. The principal limitation is the heat loss during change of parts, resulting in a cooling of the die and a need for rapid heat input to compensate for this.

For applications where forming is feasible for hot-fluid and explosive forming, tooling will be cheaper than such methods as drop hammer and integrally heated dies because of the requirement for match coping of the latter.



"Taking a broad view of the situation, our best bet would be an inexpensive item with wide consumer appeal that would sell itself and cost little or nothing to produce—so let's work on it."

Table 4—Formability of Materials

Materials	Large-Mass Systems	High-Velocity Systems	High-Temperature Systems
Magnesiums	C	D	C
Aluminums	B	B	A
Titaniums	B	B	A
Stainless steels	A	A	A
Tool steels	B	B	A
Beryllium	D	D	B
Superalloys	B	C	A
Refractory metals	C	D	B

A—Very formable
B—intermediate formability
C—poor formability
D—not applicable

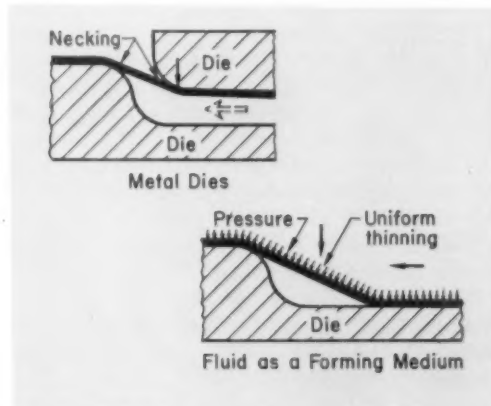


Fig. 23. Use of fluid as a forming medium reduces necking.

Some slight increases can be had on total true strain to fracture for a few materials; however, even these are the exception. The general rule is for a decrease in elongation when forming materials at high velocities.

One of the confusing aspects in interpreting strain behavior in explosive forming is the drawing action that accompanies forming. This occurrence can give the appearance of increased elongations provided this drawing-in from the outside edges is not accounted for. It should be subtracted from the overall change in length when computing strains.

Ductility increases considerably with temperature, as brought out on preceding pages. For this reason, elongation values can be increased as much as 5 or 6 to 1 in the high-temperature methods.

Buckling is a limitation wherever thin-gage materials are formed and drawing results. The drawing action almost always places some of the outer fibers in compression; if there is insufficient normal pressure acting on the part, it will buckle into well-defined wrinkles.

In forming most deep-drawn parts, beaded panels, shrouds, dome ends and bulkheads, wrinkles will generally form along the periphery of the part.

These buckles can be minimized with the aid of pressure plates. The pressure plates can be actuated by mechanical means or from the pressure-forming medium itself. The best results have been obtained from utilizing a pressure medium separate from the forming medium because better control can be obtained. This is usually of the form of hold-down bolts for explosive forming.

Springback can be minimized by either elevated-temperature creep-forming as with the high-temperature methods or by very high pressures in the high-velocity systems. The temperature in the former generally has to be of the order of 400 to 500 F greater than the service temperature of the material being formed, the time and temperature being dependent on the susceptibility of the alloy to creep forming. Pressures in the latter generally have to be at least 50 percent above the compressive flow stress of the material for appreciable springback removal. TABLE 3 lists the approximate temperatures and pressures necessary to remove springback of some common alloys by the high-temperature and the high-velocity methods.

These are, of course, approximate because the major factor determining springback of a material, E/st_y , was not mentioned. E is Young's modulus and st_y is the yield strength of the material.

This table shows that most of the low explosives utilizing water as the forming medium are ineffective in reducing springback.

The creep-forming temperatures listed above are limited by the metallurgical limits such as overaging, recrystallization, and grain growth; however, because of the short times at temperature, this is not as serious a problem as it appears at first glance. Cross-section uniformity is generally improved when using fluid such as water, air, or hot metals as the forming medium because of the great reduction in friction.

In forming a bead with metal dies, Fig. 23, only a vertical force is obtained, resulting in necking. This necking will always occur immediately adjacent to the tangent of the forming radii and will ultimately lead to failure. The horizontal force (shown by a dotted arrow) to pull the material out of the flat is absent. Using fluid as a forming medium gives both horizontal and vertical forces and a more stable condition results, with more uniform thinning. Necking can occur with the high-velocity and hot-fluid systems after a critical amount of elongation has been obtained.

Applications: As mentioned in the theoretical section, the application of materials to the high-energy methods is based upon several factors such as toughness, creep susceptibility, atomic structure, mechanisms of flow, and type of fracture. Each material has its own peculiar properties, but there are general factors that can be established to determine

Table 3—Temperatures and Pressures to Remove Springback

Material	Creep Forming Temperature (deg F)	Explosive Forming Pressure (psi)
FS-1h Magnesium	500	50,000
7075-S0 Aluminum	600	75,000
4908 Titanium	1000	175,000
17-7 PH stainless steel	1200	200,000
V.J.-1000 tool steel	1500	175,000
Beryllium	1500	125,000
René 41	2000	200,000
Molybdenum	2500-3000	175,000

simpler to compare these methods on the basis of total time to form, *Fig. 21*.

Actually, the high-velocity methods-forming duration is of the order of 0.001 sec, which would not be discernible on the chart, but they are shown as a small amount for comparison purposes. It can be realized from the last two charts on temperature and forming time why the high-temperature methods are so applicable to creep forming. This fact is brought out even more vividly in the next section of this article.

Comparison of Relative Energies: Pressure, temperature and forming duration can be plotted on a single three-dimensional graph, *Fig. 22*, giving a better comparison of the total energy associated with each high-energy forming type.

The chart shows a pressure-temperature-time plot for representative types of forming such as large-mass systems, high-velocity systems, and high-temperature methods. The volume shown for each forming type represents the amount of energy that can be put into the forming operation. It shows that the large-mass systems such as drop-hammer forming have the smallest amount of energy associated with the forming, the high-velocity systems such as explosive-water forming have an intermediate amount, while the high-temperature methods such as hot-fluid forming have the largest amount.

This means that only those metals that can absorb energy fast can be formed to any appreciable

degree by the high-velocity methods. On the other hand, the only limitation to forming with the high-temperature methods is the plasticity associated with the material at the forming temperature and the metallurgical characteristics that limit the forming temperature.

The graph does not imply that the volume of energy shown is put into all formed parts by the respective methods. A considerable amount of the heat can be lost to the surroundings in hot-fluid forming if proper insulation is not provided. Also, if the pressure is applied too fast in explosive forming, the energy absorption of the metal will be very limited.

Formability: Considerable data has been published on the increased formability of the various methods of high-energy forming over more conventional methods. For example, extreme elongations of 3 to 1 have been reported for explosive forming over conventional tensile elongation tests. It is true that sheet metal can generally be formed considerably beyond the elongations given for incipient necking in a tensile specimen because the latter is a much more unstable process.

However, attempts are usually made to relate these increased strains to such phenomena as: Bridgman's hydrostatic pressure acting normally on the part; the fluidity of metals under high-stress levels; and the regeneration of dislocations at a high rate during high-speed forming. None of these theories have been correlated to direct experimental data to justify any appreciable gain in ductility.

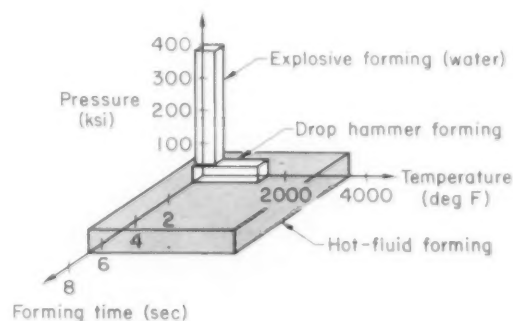


Fig. 22. Total energy associated with high-energy forming.

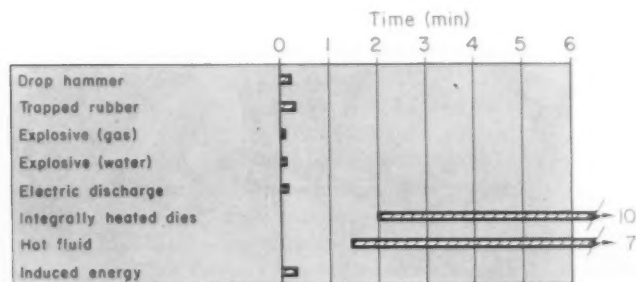


Fig. 21. Time required for high-energy forming methods.

Water as a forming medium dampens the shock waves and truncates the pressure peak curves so that impact and strain rates are lowered considerably. The graph illustrates a general working area (shown shaded) which gives pressure ranges from around 50,000 to 100,000 for large standoff distances and 80,000 to 400,000 for closer standoff distances. It can be seen from these values that not enough pressure is generally obtained to reduce springback appreciably. Only when higher explosives are used at relatively close ranges will springback and other distortions be reduced. These pressures are compared with those for the other high-energy forming methods in Fig. 19.

It can be seen that explosive and electric discharge forming produce considerably higher pressures than the other methods. In addition, they, along with hot-fluid forming, produce a very good pressure distribution because of the low coefficient of friction associated with water and hot fluids.

Temperature: Heat is another form of energy that is used in the high-energy forming of metals. It was shown in the first section how 600,000 ft-lb of heat energy could be conducted into a 12 x 20-inch beaded panel in 0.01 hr. This temperature lowers the flow stress, increases the elongation and consequently increases the formability of a material. This also increases the toughness or ability of a metal to absorb shock loading, which aids greatly in the high-velocity systems. More important than these, however, is the increased creep forming in the high-temperature methods.

Temperature in the high-velocity systems is very low, seldom exceeding room temperature, except in explosive-gas forming where temperatures might approach 800 to 1000 F. Maximum temperatures that can be expected for the high-energy methods are shown qualitatively in Fig. 20.

It can be seen from this graph that only the integrally heated die method and hot-fluid forming will produce temperatures sufficient for elevated-temperature creep forming. Explosive-gas forming can be extended to appreciable temperatures by preheating of parts; however, limitations will be imposed on heat loss rates versus insulation and heat input.

Forming Duration: Forming duration is an important parameter that determines total energy in the high-energy methods because, the longer pressure and heat are applied, the larger the energy input. Also, as was brought out, metals will absorb forming energy proportional to the rate at which pressure is applied and the temperature of the part during forming.

There are a number of ways of measuring forming duration: total time to form the part; work-piece velocity during forming in fps; and strain rate of workpiece in inch/inch/sec. Velocity is a poor basis for measuring because, depending on the size of the workpiece and the span over which forming is taking place, the actual strain rate varies considerably with velocity.

Because of the relatively wide differences in total forming duration of the high-energy methods, it is

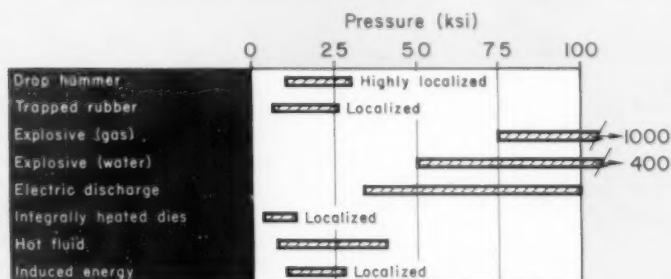


Fig. 19. Pressures obtained with the high-energy forming methods.

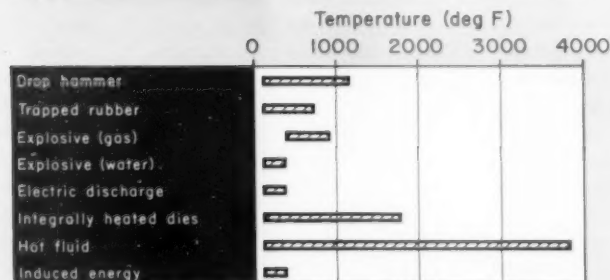
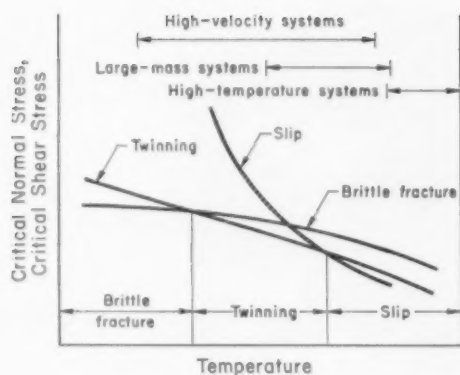


Fig. 20. Maximum temperatures for high-energy forming methods.



provided that the speed of deformation and temperature are in the twinning zone of the graphs. The more ductile materials, such as the stainless steels, probably form equally by twinning and slip and failure is of a ductile nature.

Large-mass forming systems, such as the trapped-rubber and floating-piston systems, deform metals by both twinning and slip. Some brittle fracture may occur, but probably on only a few materials.

The high-temperature systems such as integrally heated dies and hot-fluid forming result in deformation that is almost totally slip. Some twinning may occur in the hexagonal metals where slip is impeded by the small number of slip planes. The slip deformation in these systems has been termed elevated-temperature creep forming and is dependent on the temperature, time and number of dislocations in the metal.

Summarizing the types of deformation and failure for the three major high-energy systems: In high-velocity systems, slip is small and twinning and brittle fracture are large. In large-mass systems, slip and twinning are medium; brittle fracture is small. In high-temperature systems, slip is large, twinning is small and there is no brittle fracture.

Energy Comparisons

Pressure: Pressure is one form of energy that is utilized to a large extent in the high-energy forming of metals. This type of energy is used in all forming methods and the magnitude of pressure varies considerably with the different methods. For example, it has been reported that contact forming pressures of 7,000,000 psi have been obtained in explosive forming.

The Kirkwood-Bethe theory relates the peak pressure obtained from various shapes and types of charges according to the following equation:

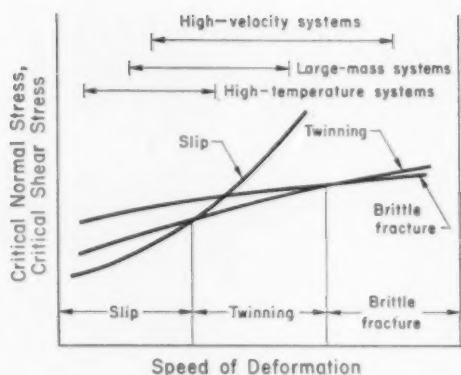


Fig. 17. Effects of temperature and speed of deformation on slip, twinning and brittle fracture for high-energy forming systems.

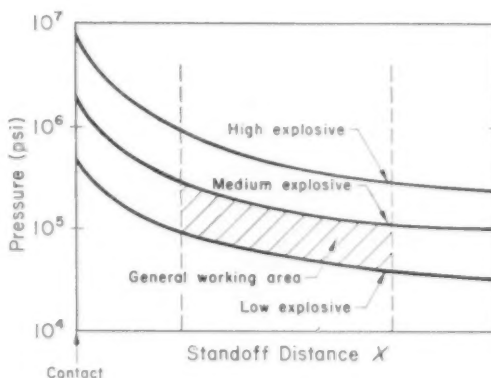


Fig. 18. Pressure versus standoff distance for explosive forming with various explosives.

$$p_{max} = C \left(\frac{W}{x} \right)^k$$

Where p_{max} = maximum pressure obtained, C = explosive size constant, W = weight of charge, x = distance of charge from point of pressure measurement, and k = explosive shape constant.

The primary variable here is the explosive shape constant k which generally varies from a maximum of 3 for a point charge source to considerably less for other shapes of charges. Cylindrical shaped charges, for example, have a k value of around 2. This equation shows that the pressure varies inversely with a power function of standoff distance and exponentially with the shape of the charge. The weight of the charge W and its explosive characteristics C also control the pressure, but to a lesser extent than do the other two parameters. A qualitative picture of pressure versus standoff distance for explosive forming can be shown with a graph, Fig. 18.

creased temperatures generally lower it.

Another method of deforming metals is by twinning. This mechanism is similar to slip in that atoms shift by a shearing action; however, twinning is accompanied by a mass transfer of atoms across a broad segment of a grain as shown in Fig. 16.

This atomic shift is seen to be proportional to the distance from the twinning plane. The process gets its name from the mirror image effect that is noted about the twinning plane of symmetry. The shaded areas are seen to be a twin to an area on the opposite side of the plane of symmetry.

The same parameters that affect slip also affect twinning; however, temperature and speed of deformation have very little effect on twinning compared with slip as will be brought out subsequently. For this reason, a considerable portion of the overall deformation at room temperature and below and for high strain rates is accomplished by twinning.

Although twinning accounts for only small strains of the order of 5 to 10 percent, its main function is in reorienting grains into a more favorable position for slip. This is accomplished particularly on materials with a small number of slip planes such as the hexagonal metals magnesium, beryllium and titanium.

Final failure of a specimen is by one or both of two fracture mechanisms: ductile shear fracture and brittle grain boundary separation. The former is the result of considerable slip across slip planes.

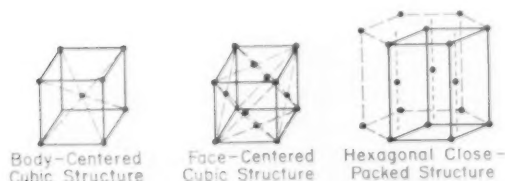


Fig. 15. Three basic atomic structures for metals. Body-centered cubic structure, which is typical of iron alloys, steel and most refractory metals, has 12 slip planes. Face-centered cubic structure, which includes most light nonferrous alloys and nickel-base alloys, has four slip planes. Metals such as magnesium, beryllium and titanium have a hexagonal, close-packed structure with two slip planes.

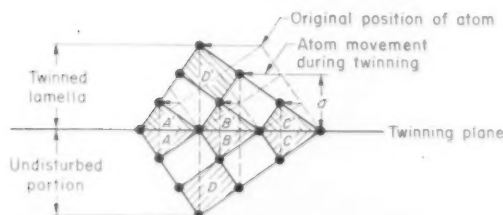


Fig. 16. In twinning, there is a mass transfer of atoms across a broad segment of a grain.

Table 2—Effect of Number of Slip Planes

Material	Number of Slip Planes	Critical Resolved Shear Stress	Ultimate Tensile Strength
Magnesium	2	Very low	Low
490B Titanium	2	Medium	High
75S-T6 Aluminum	4	Medium	Medium
René 41	4	High	High
Molybdenum	12	High	Medium
Tungsten	12	Very high	High

Brittle cleavage of metals generally occurs across the grain boundary from critical normal stresses acting on the cleavage plane. In most metals, incipient fracture is first by grain boundary separation resulting in a crack which grows, with final fracture by ductile shear.

Several theories have been suggested to explain brittle cleavage, the more prominent ones being based on minute cracks within a metal and the presence of dislocations. These types of imperfections are considered to be the reason for the lowering of the theoretical cleavage strength of metals by as much as 1000 to 1.

Brittle cleavage is even less dependent on temperature than is twinning; however, speed of deformation has a more detrimental effect on cleavage because the effective normal stress is raised proportionately.

Because slip and twinning are shear mechanisms and brittle fracture is a separation mechanism, the first two are dependent on the critical resolved shear stress necessary to cause deformation while fracture is dependent on the critical normal stress. These relative relationships for temperature and speed of deformation are shown in Fig. 17.

Both graphs show a considerable dependence on temperature and speed of deformation for slip, while twinning and brittle fracture are only slightly affected by both. The lowest critical stress will always determine the mode of deformation or fracture as shown by the general areas of slip, twinning and brittle fracture. It should be noticed that practically all metals deform by slip, or fracture by shear, at high temperatures and low speeds of forming. Brittle fracture, on the other hand, determines the type of failure for low temperatures and high speeds of forming. Twinning is noted to be intermediate.

The graphs indicate that the high-velocity forming systems such as the explosive and electric-discharge systems, deform primarily by twinning and only secondarily by slip. These high-speed methods also show that most fracture is brittle compared with the smaller amount of ductile shear fracture. The twinning deformation so prevalent in these systems should be beneficial in forming the hexagonal metals such as titanium and magnesium,

removal of the longitudinal stress σ_R by the increased longitudinal flow. This acts to remove residual stresses that tend to be set up and, in turn, minimizes springback and distortions. Springback and distortions can be removed in the high-velocity systems only by a very high hydrostatic pressure, acting transversely. This pressure generally has to exceed the compressive flow stress considerably, because the high speed of forming tends to retard plastic flow inside the part away from the surface.

Plastic Flow: The principal mechanism for the plastic flow in metals is slip. This process can be visualized with the aid of the sketch shown in Fig. 14. Idealized coin-shaped platelets are stacked on one another, simulating rows of atoms that make up the specimens. Polycrystalline materials (having many grains) deform plastically as shown in the sketch. Slip is shown to occur by a sliding of the surface of each coin on its neighbors. In addition it can be seen that in order to maintain straight vertical specimens, a rotation occurs. This rotation tends toward the longitudinal direction in tension and toward the transverse direction in compression.

Plastic slip varies considerably with a number of items, such as the material, temperature, stress and rate of strain. The last three effects have been previously discussed in this article. The material variable that determines slip is the atomic structure.

There are three basic atomic structures for metals, Fig. 15. These basic structures determine the atomic density and, consequently, the manner in which slip occurs, because it generally takes place on planes of greatest atomic density. It is shown that the body-centered cubic crystal structure has 12 slip planes, the face-centered cubic structure has four slip planes and the hexagonal close-packed structure has only two slip planes. It is not implied here that this quantity of slip planes determine relative ease of deforming the metals; however,

these slip planes, in conjunction with another parameter, the critical resolved shear stress, combine to predict the ease of deformation. The critical resolved shear stress is that resolved component of stress—acting parallel to a slip surface—that will cause flow to occur.

A qualitative comparison can be made with some typical metals to indicate the relative interplay of the number of slip planes and the critical resolved shear stress. Such a comparison is shown in TABLE 2.

The lower the number of slip planes, the harder it is for slip to occur in polycrystalline materials because there are fewer grains to line up in the maximum shear direction (approximately 45 degrees to the direction of applied load.) However, it should be noticed that some materials with a high number of slip planes, such as molybdenum and tungsten, have a medium or high ultimate strength because they have a high critical resolved shear stress. On the other hand, a material with only two slip planes, such as magnesium, will exhibit a low ultimate strength because it has a very low critical resolved shear stress.

Slip is somewhat more complicated than pictured in the sketch. Temperature, for example, can change both the number of slip planes and the critical resolved shear stress of a material. Increased strain rates, alloying, and strain hardening generally increase the critical resolved shear stress while in-

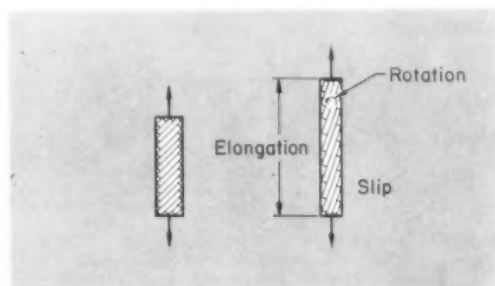


Fig. 14. Tension specimen before and after slip takes place.

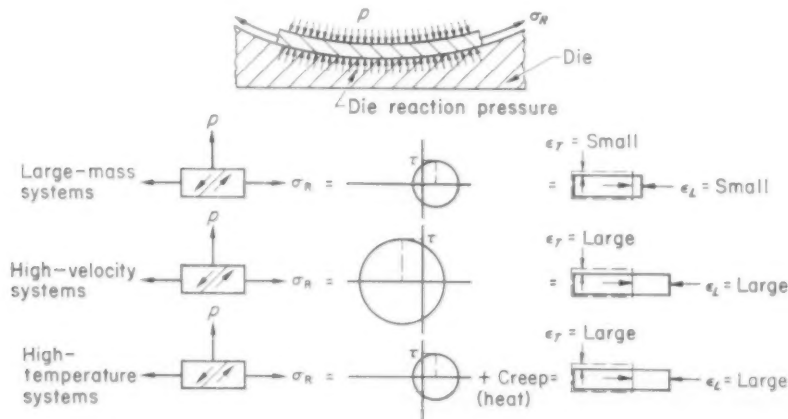


Fig. 13. Hydrostatic pressure improves formability. In this sketch, p = hydrostatic pressure, τ = principal shear stress, ϵ_T = transverse strain, ϵ_L = longitudinal strain and σ_R = longitudinal stress.

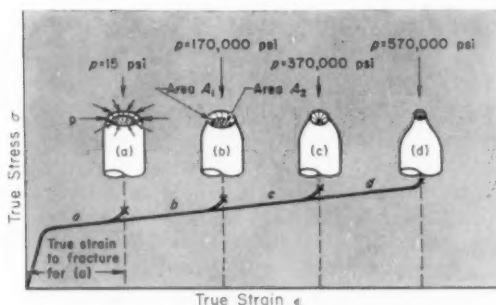


Fig. 10. Effect of hydrostatic pressure on the ductility of metals. Area A_1 exhibits ductile fracture (slip); area A_2 shows brittle fracture (separation).

obtained with four tensile specimens at the hydrostatic pressures indicated. The tests show generally that the flow stress does not change appreciably but that the true strain to fracture increases with hydrostatic pressure. Also, the mode of fracture changes from a combination ductile-brittle failure below 170,000 psi to a totally ductile failure above this pressure.

The reasons for this increased ductility can be realized by observing the Mohr stress circles shown for the four specimens, Fig. 11. The stress indicated along the abscissa σ is that on the external surface of the specimen. It is significant that the applied true tensile stress to cause flow reduced from approximately 300,000 psi with no hydrostatic pressure to slightly over 100,000 psi for 570,000 psi hydrostatic pressure. The maximum shear stress τ_{max} is the radius of the circle for each of the four cases. This type of increased ductility is analogous to the forward-and-back tension that increases fabricability in rolling sheet materials.

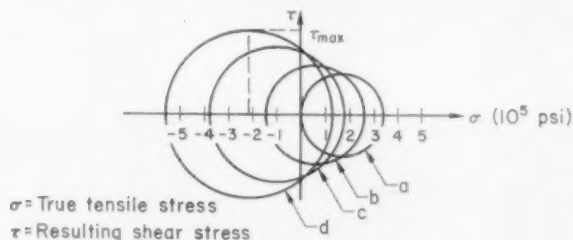


Fig. 11. Mohr's circle for stress, based on the four tensile specimens shown in Fig. 10.

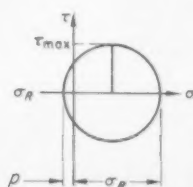
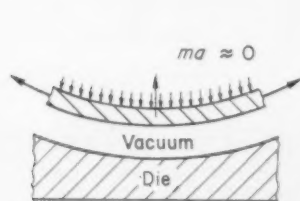


Fig. 12. Situation when a part is being formed with a vacuum on the back side.

Many of the recent investigators working on high-velocity forming have attempted to correlate hydrostatic pressures to formability, with little success in obtaining any appreciable increase in actual elongation. Some of the reasons for this lack of correlation can be determining by analyzing the sketches shown in Fig. 12.

When the part is being formed with a vacuum on the back side, the only resisting forces to the applied pressure are the resulting flow stresses of the material σ_R and the inertia force of the moving mass, ma , where m is the mass and a is its acceleration. The inertia force is practically zero so that there is practically a zero net pressure acting hydrostatically in the transverse direction during forming.

The resulting Mohr's circle shows that the explosive pressure acts only to extend the part longitudinally, giving the resulting stress σ_R to perform the forming. The maximum shear stress τ_{max} does not increase from the transverse pressure during forming. After the part contacts the die, however, the hydrostatic pressure acts in a beneficial manner as shown in Fig. 13.

It can be seen that the transverse pressure does not benefit forming for the large-mass systems even after the part has touched the die, because the pressure is so small; however, when the pressure exceeds the compressive flow stress of the material, as it often does in the high-velocity systems, the shear stress τ is shown to greatly increase, allowing a considerable increase in plastic flow as noted on the sketch at the right. This high pressure is also lacking in the high-temperature systems but the creep that results from the heat allows the metal to flow to a considerable extent.

The net result for both the high-velocity and high-temperature systems is almost a complete re-

lower the impact energy to fracture.

This can be shown more vividly by studying the effect that strain rate has on the true stress-strain curves. There are two basic types of these curves for various materials, as shown in the left-hand and right-hand graphs in *Fig. 5*. In both cases, the true stress increases with strain rate; however, the total true strain to fracture increases slightly and then diminishes in the right-hand graph. In general, the flow stress is raised considerably with increased strain rates, whereas true strain to fracture increases a very small amount, if any, and generally decreases.

Another term that relates more to high-energy forming can now be discussed. This is the common mechanical property of materials called toughness. Toughness can be thought of as the area under the true stress-strain curves shown in *Fig. 5* and is a measure of the energy-absorption ability of a metal. Replotting the curves as toughness versus strain rate gives the type of graph shown in *Fig. 6*.

The graph shows that, although the true strain to fracture does not increase with increased strain rates, the toughness of all metals increases to some critical strain rate and then diminishes. Toughness is the ability of the metal to plastically deform under shock loading without fracture.

Thus all of the high-velocity forming methods have decided limitations as to the materials that can be formed. The material has to have a high toughness and the strain rate that gives the maximum toughness for the material should be selected.

Temperature Dependence: It has already been shown how increased temperature lowers the flow stress of a material and, consequently, lowers the energy for forming. A more important benefit, however, is derived from temperature than the reduced flow stress, as shown in *Fig. 7*. This benefit is the greatly increased true strain to fracture. The increase in strain can be tremendous for some materials. For example, tungsten increases in conven-

tional strain from less than one percent at room temperature to 55 percent at 1950 F, while annealed 6Al-4V titanium increases from 12 percent at room temperature to 52 percent at 1200 F. This greatly increased strain improves formability considerably. The total amount of true strain to fracture is not all usable in forming because of necking; however, true strain beyond necking on an ordinary tensile specimen can be utilized because most forming operations do not exhibit the unstable condition favoring necking on a tensile specimen.

In addition, temperature also increases toughness, as shown in *Fig. 8*. Again, this is a plot of the areas under the true stress-strain curve. Although this increase in toughness does not benefit slow forming methods such as hot-fluid forming, it does benefit the high-velocity systems considerably.

A third benefit gained from temperature in forming is creep. Creep is the plastic deformation that results in metals at stresses lower than slip. It is primarily a high-temperature phenomenon, as shown in *Fig. 9*. Increasing the temperature from T_1 to T_2 greatly accelerates creep. Practical elevated-temperature creep forming is generally accomplished in a period of less than 10 minutes and for a temperature approximately 500 F above the service operating temperature for the metal.

The results of creep forming are the almost complete elimination of springback, as shown in the right-hand graph and the elimination of other problems in forming thin-gage sheet metal, such as buckling and distortions.

Hydrostatic Pressure: A third important theory that should be brought out in discussing the high-energy forming methods is the effect that hydrostatic pressure has on the ductility of metals. High transverse pressure acting on a tensile specimen during pulling will exhibit a considerable increase in total true strain to fracture, as shown in *Fig. 10*.

The true stress-strain curves show the results

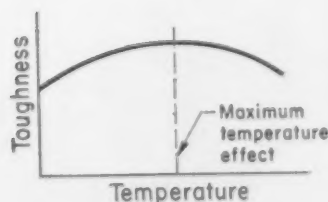


Fig. 8. (left) Toughness of materials increases with temperature to a certain point.

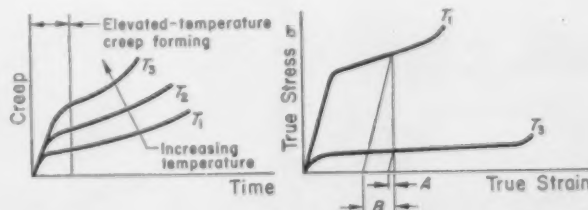


Fig. 9. (right) Creep is accelerated by increasing temperature, left. Springback decreases with temperature, right. Springback after creep forming is shown at A; springback without heat is shown at B.

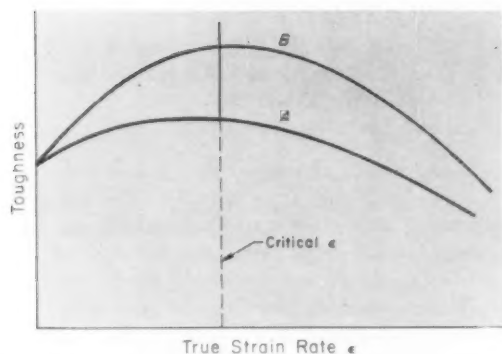


Fig. 6. Relationship between toughness and true strain rate. Lower curve corresponds to left-hand plot in Fig. 5; upper curve corresponds to right-hand plot in Fig. 5.

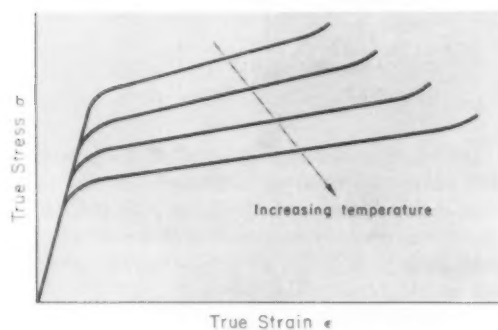


Fig. 7. True strain to fracture increases with increasing temperature.

Induced Sound Waves: This high-energy forming method is a variant of the high-temperature forming methods in that a second type of energy is superimposed on the mechanical energy, as shown in the following equations. In the equations, v is the velocity of ultrasonic waves in steel (17.5×10^6 fps) and W is the weight of the moving wave front (10^{-8} lb assumed).

$$\begin{aligned} KE &= \frac{1}{2} (W/g) v^2 = \frac{1}{2} (10^{-8}/32.2) (17.5 \times 10^6)^2 \\ &= \frac{1}{2} (3 \times 10^{-10}) (3.2 \times 10^{14}) \\ &= 50,000 \text{ ft-lb} \end{aligned}$$

It can thus be seen that even with a very small assumed mass (10^{-8} lb) considerable energy can be induced into a part being formed. How this energy will be utilized in forming will be discussed in the next section of this article.

Plastic Deformation of Metals

Time Dependence: The theory of the effect of speed on the plastic deformation of metals has not been thoroughly treated in texts. In discussing the subject, it seems appropriate to start with the simple

impact test such as the Charpy. Although the speed of deformation is slow (18 fps) compared with some of the explosive methods of forming, it is comparable with the slower forming methods such as the drop-hammer and trapped-rubber processes. Considerable data can be obtained from this type of testing and, by proper extrapolation, the theory can be applied in a qualitative manner to the higher speed systems. It should be remembered that there are considerable limitations in applying impact data to high-speed forming because the simple Charpy results are based on variables other than metallurgical, such as size effect and shape of notch causing brittle failure.

In studying the impact values of materials, it is found that there are two distinct types of metal behavior when plotting the energy to impact (E) versus temperature (T), Fig. 2. This energy to fracture is an indication of the notch sensitivity of materials and it can be seen that a material such as low-carbon steel exhibits ductile behavior at elevated temperatures and brittle behavior at low temperatures when deformed as in the Charpy test. Between is a transition range where considerable gain in ductility is found with a small change in temperature. The other type of impact behavior is illustrated by the ductile notch-insensitive aluminum. Very slight increase is made in impact energy with temperature. Actually, materials of this type exhibit a slight decrease in impact ductility after a certain temperature is reached.

The transition region is completely dependent on the material, as shown in Fig. 3, and is also dependent on strain rate, as will be brought out subsequently. It can be seen from the figure that Vascojet 1000, molybdenum, Inconel X and 422 stainless steel exhibit well-defined transition regions from brittle to ductile impact behavior, whereas 17-7 stainless steel shows more uniform behavior. It can be reasoned from this that heat will be unnecessary in forming semiaustenitic stainless steels; helpful when forming martensitic stainless steels, tool steels and the superalloys; and essential when forming beryllium and the refractory metals.

It has been shown that increasing the strain rates on tension tests has the inverse effect that temperature does, as indicated by the following equation:

$$T_M = T \left(1 - k \log_e \frac{\epsilon}{\epsilon_0} \right)$$

In this equation, T = temperature of test (deg k), k = constant, ϵ = true strain rate ($d\epsilon/dt$), ϵ_0 = constant and T_M = velocity modified temperature.

The equation shows that as the true strain rate (ϵ) increases, the velocity modified temperature (T_M) must decrease to maintain the relationship. This suggests graphs of the form shown in Fig. 4. These graphs illustrate that increasing strain rates beyond the 18 fps for the Charpy tests will greatly

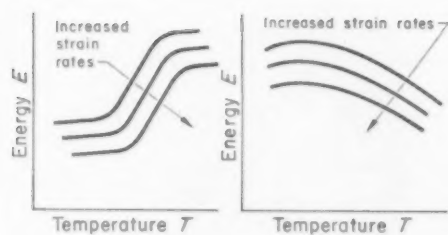


Fig. 4. As true strain rates increase, velocity-modified temperatures decrease.

the weight of the moving water front is 6 lb and impact velocity is 700 fps, $KE = \frac{1}{2} (W/g) v^2 = \frac{1}{2} (6/32.2) (700)^2 = 50,000$ ft-lb.

From this it is apparent that the velocity to mass contributions to total energy are 2.5 million to one for explosive forming in water and 900 million to one for explosive forming with gas. The 50,000 ft-lb of energy shown is only a small portion of the energy generated by the explosion. If the specific energy content of the explosive is 3×10^6 ft-lb/lb and the weight of the average charge is 0.1 lb, total forming energy at room temperature = $(3 \times 10^6) (0.1) = 300,000$ ft-lb. Efficiency = $50,000/300,000 = 17$ percent.

Most explosive-forming operations have an efficiency of around 15-20 percent. The other portion of the energy, 250,000 ft-lb in the case just cited, is used in blowing the water into the air.

The mass-velocity relationships that contribute to the total kinetic energy are summarized in TABLE I. These relationships were determined for producing approximately the same energy, 50,000 ft-lb.

High-Temperature Methods: There are two basic systems for using heat for high-energy forming. In integrally heated die forming, heat is supplied to two solid metal die halves by cartridge type heaters. Insulation surrounds the die completely. Various forms of this type of system are current in use, such as heated-platen machines. In hot-fluid forming, both heat and pressure are supplied by a hot liquid metal alloy, giving considerable advantages over the solid-metal system.

In order to understand the energy involved in high-temperature forming methods, it is convenient to first determine the energy required to form a typical part such as a 12 x 20-inch beaded panel.

Where U is total forming energy at room temperature, F is forming force, $\Delta \chi$ is total elongation, S is average flow stress (100,000 psi), A is area of cross section, e is average strain (0.3 inch/inch), l is the length over which the strain is acting (1 ft) and t is the gage of the material (0.050 inch), $U = 15,000$ ft-lb. This is calculated as follows:

$$U = F (\Delta \chi) = (SA) (el)$$

$$A = lt = (10) (0.050) = 0.5 \text{ sq in.}$$

$$F = SA = (100,000) (0.5) = 50,000 \text{ lb}$$

$$\Delta \chi = el = (0.3) (1) = 0.3 \text{ ft}$$

$$U = (50,000) (0.3) = 15,000 \text{ ft-lb}$$

It can be seen that only 15,000 ft-lb of energy is required to form a 12 x 20-inch beaded panel in a material having a flow stress of 100,000 psi. It is assumed in this simple calculation that work is done only on the beads and not on the flat areas.

Heat can lower this forming energy considerably, however, by lowering the flow stress. For example, the flow stress of a stainless steel may be 100,000 psi at room temperature. This will be reduced to around 5000 psi at 1200 F. Mechanical work is thus reduced 20-fold; however, nothing is ever obtained free. The other part of the energy required for forming is obtained from heat (H):

$$F = SA = (5000 \text{ psi}) (0.5 \text{ sq in}) = 2500 \text{ lb}$$

$$U = (F) (\Delta \chi) + H = (2500 \text{ lb}) (0.3 \text{ ft}) + H = 750 + H \text{ ft-lb}$$

Thus heat supplies approximately 90-95 percent of the energy required in forming with the high-temperature forming methods, provided metallurgical considerations will not prohibit forming at temperatures necessary to reduce the flow stress to the required level.

Heat aids forming considerably from an energy standpoint. This is shown by calculations based on heat transfer through a thin-gage material by conduction, Fig. 1.

Where forming time, $t_{av} = 0.01$ hr; rate of heat transmission, $k = 1$ Btu/hr/ft/deg F; area, $A = 1.7$ sq ft, $\Delta T_{av} = 200$ deg F, $\Delta \chi = 0.050$ inch ($= 0.004$ ft), and $Q =$ total heat input:

$$Q = -kA \frac{\Delta T}{\Delta \chi} t$$

$$= -(1) (1.7) (200/0.004) (0.01)$$

$$= (850) (778) = 660,000 \text{ ft-lb}$$

This basic heat flow equation shows that 660,000 ft-lb of energy can be conducted into a 20 x 12-inch beaded panel in 0.6 min, neglecting heat losses. Considering 10 percent efficiency, an energy of 66,000 ft-lb could still be used for forming, which is comparable with the total energy generated in the other high-energy methods.

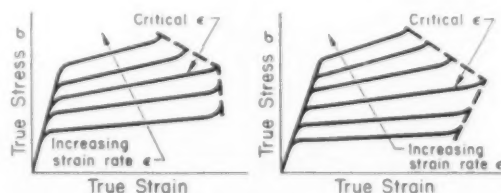
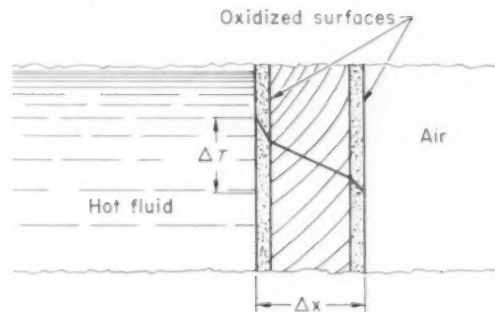


Fig. 5. True stress increases with strain rate.

Fig. 1. Heat supplies most of the energy in high-temperature forming.



High Kinetic Energy Methods: Mass, velocity, temperature and ultrasonic sound waves contribute to the various forms of energy used in high-energy forming methods, such as kinetic energy and heat. High-kinetic energy systems will be discussed first.

The basic equation for kinetic energy can be expressed as: $KE = \frac{1}{2} mv^2$, where KE is kinetic energy, m is the entire mass in motion and v is its mean velocity. It can be seen that the total energy can be increased by increasing either mass or velocity. The latter, however, has a much greater effect in increasing the kinetic energy, since it is a second-power function compared with a single-power function for mass.

Some older methods of high-energy forming are the drop hammer and trapped-rubber systems. In these methods, large masses are used at the expense

Table 1—Mass-Velocity Relationships Contributing to Total Kinetic Energy

Type of Forming	Mass Contribution (lb)	Velocity Contribution (fps)	Ratio of Velocity to Mass
Drop Hammer	316	400	1.2
Trapped Rubber	316	400	1.2
Floating Piston	10	10,000	10^4
Explosive (Gas)	0.01	9×10^5	900×10^6
Explosive (Liquid)	0.20	5×10^5	2.5×10^6
Electric Discharge	0.20	5×10^5	2.5×10^6

of velocity. It can be shown that although a fairly sizeable energy is developed in the two methods, the mass contributes approximately half of that energy. Where W , the weight of the head and die is 10,000 lb; g is the acceleration of gravity, (32.2 fps/sec); and impact velocity v is 20 fps, $KE = \frac{1}{2}(W/g)v^2 = \frac{1}{2}(10,000/32.2)(20)^2 = 63,200$ ft-lb.

The floating-piston system makes more use of the velocity factor. Where W (weight of the moving mass) is 325 lb and v is 100 fps, $KE = \frac{1}{2}(W/g)v^2 = \frac{1}{2}(325/32.2)(100)^2 = 50,000$ ft-lb. Pressure can be obtained explosively or otherwise.

It can be seen that, with an assumed velocity five times greater and a mass 30 times smaller than with drop hammer forming, the total energy developed is of the same order of magnitude as with the lower-velocity, large-mass systems. The velocity factor, however, contributes one thousand times as much to the total energy as the mass.

In the high-velocity systems such as explosive and electric-discharge forming, the mass contribution toward total energy is completely negligible compared with the velocity. For high-velocity free-bulge forming, assuming that the weight of the moving gas is 0.3 lb and the impact velocity is 3000 fps, $KE = \frac{1}{2}(W/g)v^2 = \frac{1}{2}(0.3/32.2)(3000)^2 = 45,000$ ft-lb.

For underwater explosive forming, assuming that

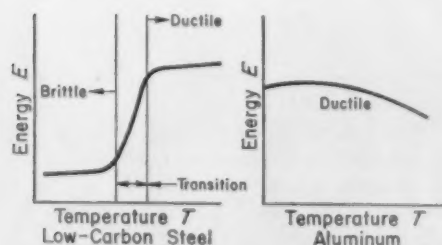


Fig. 2. Low-carbon steel has poor ductility at low temperatures, is ductile at high temperatures. Aluminum is ductile at low temperatures with some loss of ductility at high temperatures.

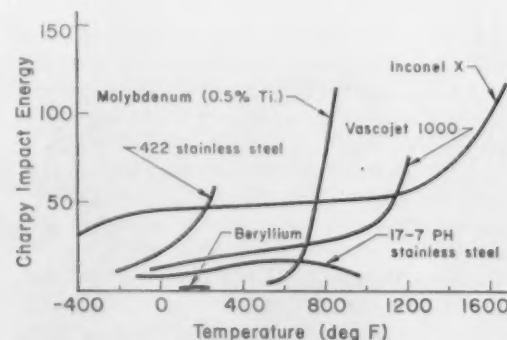


Fig. 3. Transition range from low ductility to high ductility varies with the material.

HIGH-ENERGY FORMING METHODS

—a critical review

By William W. Wood*

Supervisor
Manufacturing Research
Vought Aeronautics Div.
Chance Vought Aircraft, Inc.
Dallas, Texas

High-energy forming methods include high-mass systems, high-velocity systems and high-temperature systems. The author shows how each method works and suggests the materials and types of parts suitable for each method.

HIGH-ENERGY FORMING has received much attention during the past few years because it is usually associated with the forming of high-strength, temperature-resistant materials such as the superalloys and the refractory metals. There are a number of forming methods that fall into the "high-energy" category. Irrespective of the method, only a specific amount of energy is required to form a given part.

Types of Forming

Explosive forming could more aptly be called "high-energy rate" or "high-kinetic energy" forming because energy is introduced rapidly into the part. Drop-hammer, trapped-rubber and floating-piston forming systems could also be termed high-

kinetic energy forming because of the velocities and relatively large masses involved. Hot-fluid and integrally heated die forming could simply be termed high-temperature forming because heat is the principal energy source in these methods. A third class of high-energy methods is forming with the aid of induced sound waves.

Each of the high-energy forming methods has its applications and limitations. This article is written to explore some of those applications and limitations. Considerable emphasis is placed on the theory of plastic deformation of metals in order to explain why one high-energy process may be better than another for a specific application.

Explosive forming will be discussed much more in this article than some of the other methods because of the greater amount of data that is available and because of the great current interest in the process. Hot-fluid, electric-discharge ("hydro-spark") and induced energy (ultrasonic) forming are discussed less frequently because there is less experimental data available.

Throughout the article, most of the comparisons and limitations are based on qualitative rather than quantitative figures because of the lack of proved and correlated data. This lack illustrates the need for further experiment in high-energy forming.

From Paper 292, "A Critical Review of High-Energy Forming Methods," presented at the 28th ASTM Annual Meeting. Copies of the complete paper are available for purchase from Society headquarters.

*Senior member ASTM North Texas chapter.

STEAM TREATMENT

improves cutting tool performance

By Russell F. Novy

Assistant Director of Research
Lindberg Engineering Co.
Chicago, Ill.

Purposely oxidizing the surfaces of drills, reamers, taps, hobs and other tools in a steam atmosphere can double the life of cutting tools.

CONTROLLED FURNACE ATMOSPHERES are normally used to prevent oxidation of the material being heat-treated and to prevent changes in the original surface chemistry. There are many instances, however, where performance of cutting tools such as drills, reamers, taps, hobs, milling cutters and broaches can be substantially improved by purposely oxidizing the surface of the tools under controlled conditions.

Controlled oxidation is accomplished by treating the tools in a steam atmosphere in the temperature range of 850 to 1250 F. This is done at a temperature not exceeding prior tempering or draw temperature in order not to excessively draw back desired hardness.

Special tempering furnaces are used for steam treatment. The steam is circulated by forced convection over the tools. A tough, hard and porous

oxide film (Fe_3O_4) is deposited on the surface of the tools. The film, 0.0001 inch thick and blue-black in color, is very tenacious and has a high degree of corrosion resistance.

The primary useful characteristic of the oxide film is that it is sufficiently porous to wet, conduct and retain cutting oils. By retaining the fluid at the cutting edge of the tool, the controlled oxide film tends to reduce frictional heat and prevents chips from welding to the cutting edge.

Generally, for maximum benefits, tools are steam-treated after the final grind. This results in all surfaces in the area of the cutting edge having the oxide film.

Steam treatment usually consists of heating the empty furnace to 600-700 F, then loading the tools into the furnace and preheating the load for a short period of time to minimize condensation when the steam is introduced. The air is then purged from the furnace by introducing dry steam at a pressure of 5 to 7 psi for approximately one-half hour. The furnace is then brought up to the desired temperature, which is held for sufficient time to achieve the film.

Tools are then removed, air cooled and dipped in oil. Under some conditions the load can be quenched directly from the furnace into a soluble oil, resulting in a more uniform satin blue-black finish.

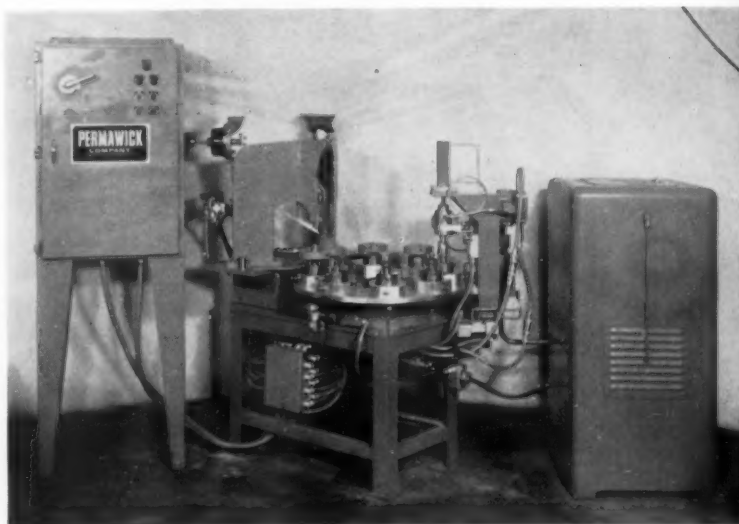
Tests reveal that steam treatment results in a marked increase in tool life. On some milling applications, steam-treated cutters have made 100 percent to 200 percent more cuts per grind than untreated tools. On drilling operations, pieces per grind have been consistently increased by 100 to 150 percent. These gains make steam-treatment of cutters and drills definitely worthwhile.

From Paper 297, "Controlled Furnace Atmospheres Improve Performance of Cutting Tools and Dies," presented at the 28th ASTME Annual Meeting. Copies of the complete paper are available for purchase from Society Headquarters.

Special Press Assembles Motor Parts

AUTOMATIC ASSEMBLY and lubrication of end bells for electric motors is accomplished in a dial fed press designed by Permawick Co. of Detroit. Operations performed include press-fitting, riveting, staking and injection of a measured portion of fluid wicking.

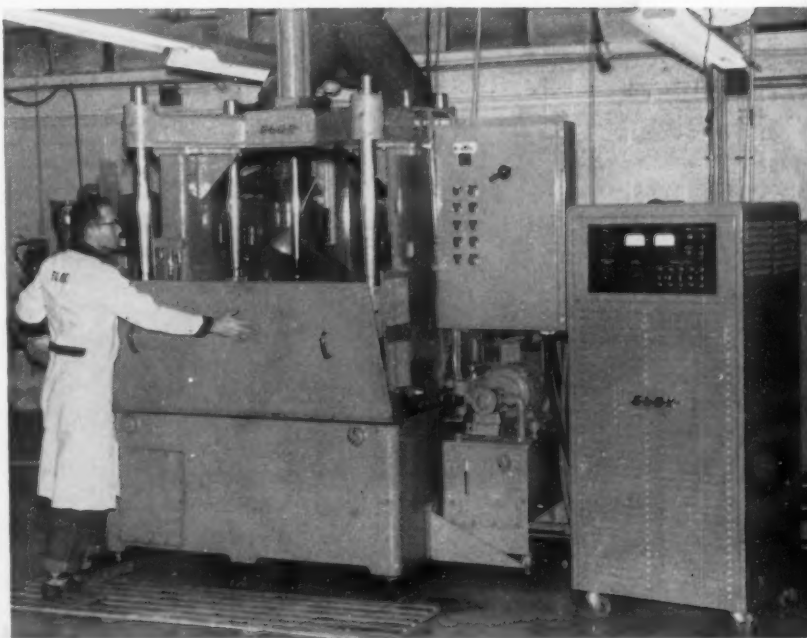
Key to the operation is use of a self-wicking lubricant which eliminates the need for hand-inserted solid wicks. The lubricant, a blend of turbine grade oil and finely particled cellulose fibers, is injected during the press cycle. Volume of the injection is controlled to within 0.2 gram. A specially designed sensing switch stops the press if errors in assembly or lubrication occur.



Speeds Electrical Discharge Machining

HOLES AND CAVITIES in die steels can be electrical-discharge machined at rates up to 20 cu in. per hour with the power-supply unit illustrated. Designed to operate in conjunction with any Elox machine tools, the unit provides significantly improved wear ratios when aluminum electrodes are used. Normal wear ratio between work and electrode, measured volumetrically, is 3 to 1. Through use of this unit, wear ratios between 20 and 50 to 1 can be obtained.

Increased rate of metal removal provided by this power supply makes it adaptable to deep roughing operations. When cavities are within 0.060 inch of finish size, a smaller power supply unit can be used for the finishing operations.



Wheel Dresser Saves Time

DESIGNED FOR RADIUS and tangent-radius wheel dressing, this unit is a permanent part of the grinder. As such it effects substantial economics in time and labor, especially in cases where dressing is repetitive. By enabling operators to dress and redress wheels without disturbing the work, the unit, designed and built by Eight Mile Industries, Inc., also provides increased accuracy in finished parts.

Adaptation of the dresser to the grinder is provided by a slide assembly mounted on the wheel spindle. Consisting of a horizontal slide and a right-angle slide movable in the horizontal slide, the assembly provides two-directional movement to the dresser. Controlled by graduated hand knobs, the slides enable operators to position the unit and dress radii with micrometric accuracy.



designed for

PRODUCTION

Machine Grinds Curved Surfaces

FACE GRINDING and contour finish grinding operations have been combined in one machine through use of an auxiliary swiveling head. Designed by Mattison Machine Works for grinding rotary crop shears, the machine can finish-grind either male or female contours.

In operation, the head—which may be preset to any desired angle—floats laterally and is tracer controlled. Lateral head movements are facilitated by a combination of counterweighting and an antifriction spindle-carriage mounting.





Fig. 2. Section of a toroidal missile manifold, joined by dip brazing. These manifolds are tested at 5000 psi and operate at 3000 psi.



Fig. 3. Stainless steel joined to stainless steel by dip brazing, using manganese nickel alloy filler. Preheat time was 10 sec and dip brazing 20 sec at 2050 F.

titanium and its alloys are pure silver or a silver-manganese alloy. For the bath, any number of compounds may be used, provided the compound is inert and becomes molten at temperatures greater than 1700 F. A typical bath is composed of 100 percent barium chloride. It becomes molten at approximately 1800 F and starts to fume off at about 2400 F. Recommended operating temperature for this particular bath is from 2300 to 2350 F.

The lowest braze temperature is approximately 1700 F. Preferred temperature for the salt bath is approximately 300 deg higher than that at which the salt bath becomes molten and should be above the melting point of the filler.

Process: Prior to brazing, pieces are held in proper relationship by tacks of fusion welds or clamps made from Inconel X. The filler is then cut to size and shape if solid, or in the case of powders,

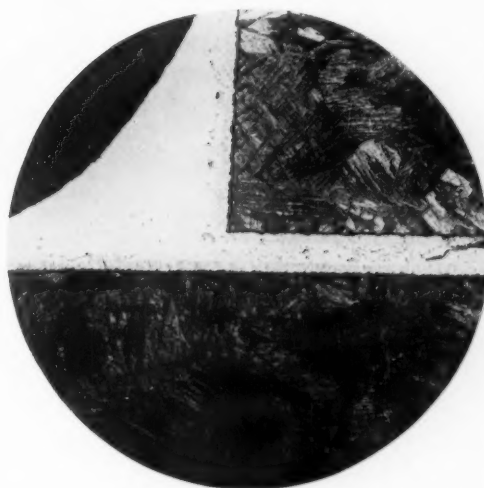


Fig. 4. Titanium dip brazed to titanium using pure silver as a filler, a preferred filler for titanium.

brushed on near the line of juncture. Next, the assembly is placed in a preheating furnace, operating at a level below the critical oxidation temperature.

With steel, oxidation takes place at approximately 875 F and with titanium at 700 F. Recommended preheat is therefore from 700 to 800 F depending upon the material. Parts are removed from the furnace once they have attained preheat temperature and immediately lowered into the molten salt bath. Parts reach brazing temperature in a relatively short time.

Time required for an assembly to attain brazing temperature is from 90 to 135 seconds. Braze time should be kept at a minimum because parts left too long can exhibit increased grain growth, interstitial melting and excessive diffusion of the braze alloy into the parent metal. Any of these effects lowers strength levels in the part.

A salt envelope is formed about the assembly during the bath, isolating it and thus preventing oxidation at the brazing temperature. The protecting salt coating freezes to the parts as they are removed from the bath and continues to protect them until cooled below the critical point. This is particularly beneficial in brazing titanium, subject to embrittlement from oxygen, nitrogen and hydrogen contamination.

The quality of joining obtainable by the dip brazing technique is illustrated by photomicrographs in Figs. 3 and 4. In brazing high-temperature metals, dip brazing avoids oxidation, embrittlement of titanium from contamination, produces quality joints and requires only a short time. With these advantages, it can become as prevalent as torch and furnace brazing are today.



Fig. 1. Missile parts are produced by dip brazing to withstand high temperature and pressure.

DIP BRAZING

bonds missile metals efficiently

By Mel Schwartz

Senior Manufacturing Engineer
The Martin Co.,
Baltimore Div.,
Baltimore, Md.

Seeking a way to join high-temperature metals efficiently, researchers found that dip brazing avoided oxidation and embrittlement problems and produced joints capable of withstanding 5000 psi. The technique is being used successfully in production of missile components.

FOR THE SPACE SHIPS we shall soon be building and for the missiles we are now building, efficient means of joining new alloys are needed. Dip brazing, Fig. 1, has been used successfully at the Martin Co.'s Baltimore Div. for joining both ferrous and nonferrous metals.

Ordinarily, oxidation occurs at the elevated temperatures required for high-melting point fillers

and is probably the chief obstacle to high-temperature brazing. The condition causes weakening of the joint and frequently complete failure. Avoiding the critical oxidation temperature is impossible since high-melting point fillers must be used. Accordingly, the research group sought to protect against oxidation throughout the operation. Presently, missile parts are being joined by this method, such as the toroidal manifold of 17-HP stainless steel, shown in Fig. 2.

Method: Metals are initially preheated to a point just below the critical level, then placed in the molten salt bath where temperatures rise rapidly to the brazing point. The most important action of the salt is to shield the material from the atmosphere, completely eliminating the danger of oxidation. The method is satisfactory for any high-temperature metal having a melting point greater than 2000 F and has been used for joining a variety of ferrous and nonferrous metals. Due to uniformity of the heat, distortion is held to a minimum.

Any element or alloy with a melting point of 1670 F or higher, in sheet, rod, powder or paste form is suitable as a filler. Preferred fillers for

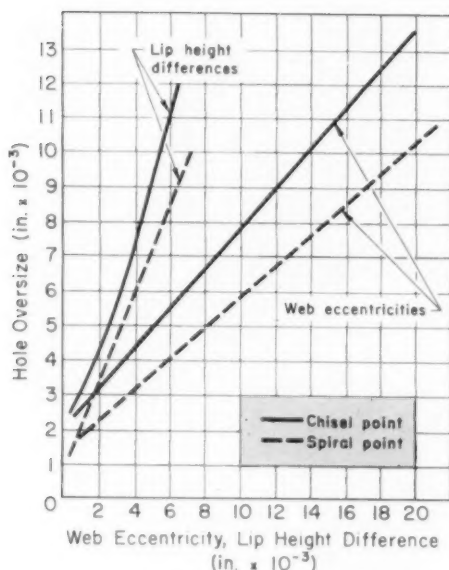


Fig. 6. As drill body and drill point eccentricity increases, the resulting hole oversize increases.

Cutting edges remained parallel and web thickness remained constant for all the drills. All were ground with concentric points. The material, machining conditions, point angle and relief angle were the same as those used for studying the effects of unsymmetrical point grind.

A chisel-point drill having a web eccentricity of 0.010 inch produced the sample shown in Fig. 5a. Chip formation is erratic and segmented, showing that the drill is wobbling about its axis. This is also indicated by the path of the cutting edge that does not conform to the hole periphery. Drill deflection is shown by the chip that does not extend to the periphery. A more severe condition is shown in Fig. 5b, made by a drill with the web 0.020-inch eccentric.

The result obtained with a spiral point having a web eccentricity of 0.010 inch is shown in Fig. 5c. Deflection is indicated by the chip that does not extend to the periphery. In Fig. 5d, the 0.020-inch web eccentricity deflected the drill so greatly that no chip is formed near the periphery by the one cutting edge and no chip is formed near the drill center by the other cutting edge.

The theoretical description of the effects of both drill point and drill body eccentricities is supported by the evidence obtained using quick-stop samples, both for chisel-point and spiral-point drills.

Effects on Hole Production: Another series of tests was conducted to determine the extent to which off-center drill points affected hole size. The results, shown in Fig. 6, are based on $\frac{1}{2}$ -inch drills run at 520 rpm, 0.007 ipr, in SAE 4340 steel. The

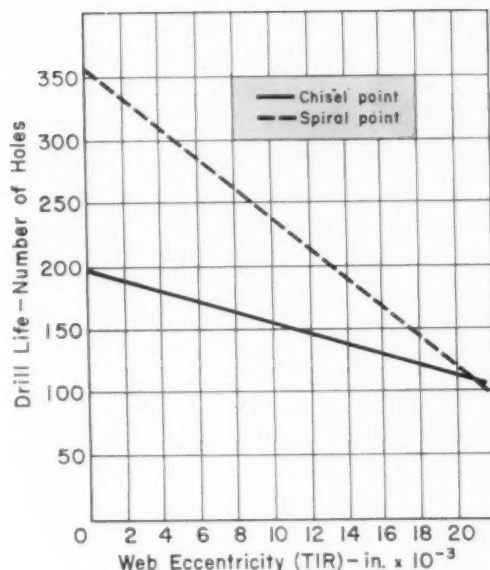


Fig. 7. Drill life falls off noticeably as web eccentricity increases for both types of drills.

curves were plotted on the averages of several drills tested at each set of conditions. Hole oversize varies directly with lip height difference. Also shown in Fig. 6 are the results of series of tests made to relate hole oversize to web eccentricity. For both drill point geometries, hole oversize is directly related to the amount of web eccentricity.

Drill life is affected by web eccentricity, as revealed by a series of life tests. The tests were run for both chisel-point and spiral-point drills, under the same conditions as those used for the hole oversize tests. Results are shown in Fig. 7, where drill life, in number of holes per grind is plotted against web eccentricity. Each point represents the average for a number of drills run under identical conditions. The criterion used for determining drill life was based mainly on a rapid increase of thrust, but the amount of wear on the drill and the hole produced were also considered. During the testing it was noted that as web eccentricity increased, the wear on one drill margin became more severe, due to the large deflection of the drill. Margin wear was so great in some cases that the hole became smaller as drilling progressed. Such margin damage causes considerable drill length to be lost when the drill is resharpened.

Complete drill symmetry is necessary for optimum drill performance. When the point is not ground concentric or when the web is not concentric, a relative difference in lip height results that causes the two cutting edges to form chips unevenly. The net result is that the drill is deflected, causing the hole to be oversize, the hole finish to be poor and drill life to be shortened.

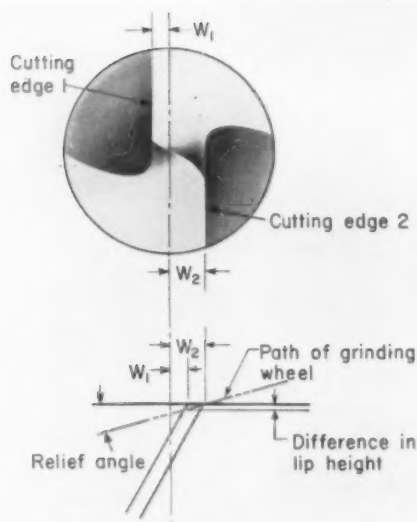


Fig. 4. Relative difference in lip height results when web eccentricities exist in the drill body.

is in error the other can be expected to be in error. For the experimental studies, only the effect of web eccentricity was studied.

The way in which web eccentricity affects lip height is shown in Fig. 4. At the bottom of Fig. 4, cutting edge one is shown rotated 180 degrees and superimposed on cutting edge two. Web eccentricity

city, w , is defined as $W_2 - W_1$. For a given web eccentricity, the amount of relative difference in lip height is determined by the relief angle ground on the drill. The greater the relief angle the greater the difference in lip height. Because relief angle normally increases toward the drill center, lip height difference increases along the main cutting edge, from the periphery of the drill inward. This is unlike nonconcentric drill point grinding where the lip height difference remains constant along the main cutting edges. Thus, for spiral drills, the relative lip-height difference increases rapidly from the periphery toward the center, causing the performance of an eccentric web drill to be worse than one having the point ground off-center. For chisel-point drills, the relief angle increases less toward the drill center than a spiral point and therefore lip-height difference increases less.

Relative lip-height difference can be calculated for any radius on the drill greater than or equal to the maximum W , from the equation

$$H = w \tan \left[1 + \frac{\sin \beta \sin \tau}{\sin (90 - \tau - \beta)} \right]$$

where H is relative lip-height difference, w is web eccentricity, β is relief angle and τ is helix angle.

Quick-stop samples show the effect of web eccentricity, Fig. 5, for both chisel-point and spiral-point drills. The drills, with varying degrees of web eccentricity, were made especially for the studies,

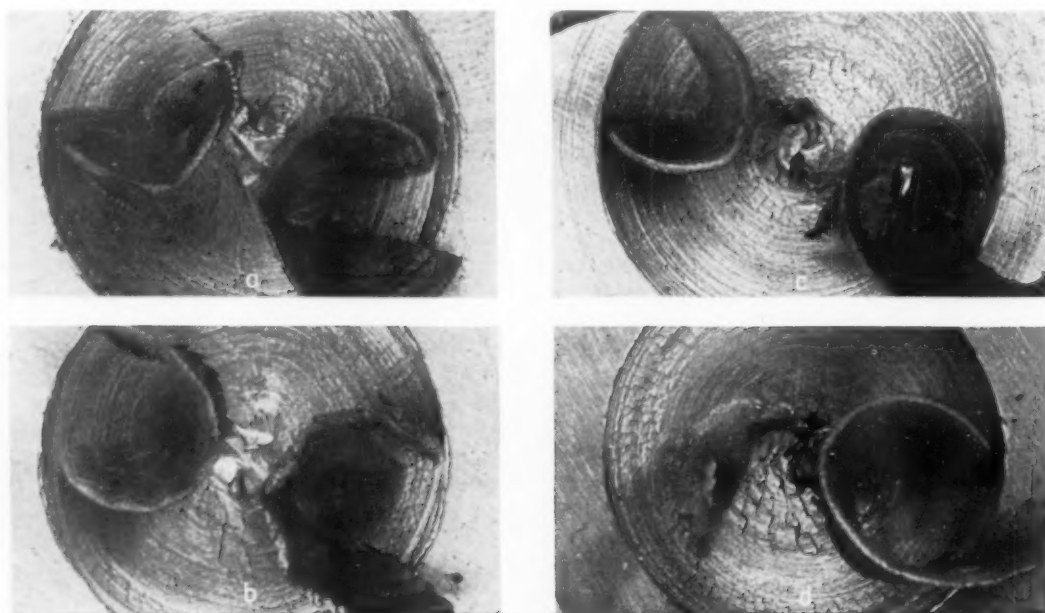


Fig. 5. With both chisel and spiral-point drills, web eccentricities cause poor hole production.

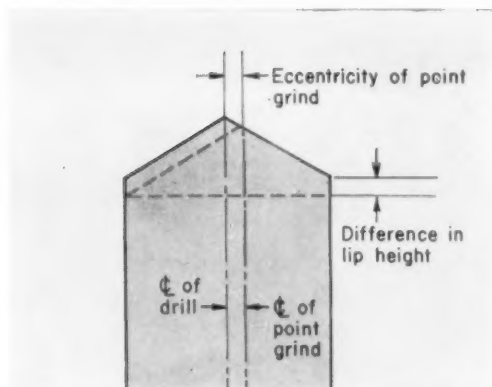


Fig. 2. Grinding the drill point off-center causes a relative difference of lip height.

where H is the relative difference in lip height, t is the eccentricity of point grind, and K is one-half the point angle. All drills used in the point tests were $\frac{1}{2}$ -inch diameter M-10 high-speed steel tapered-shank drills, perfect as to flute spacing, web centrality and body dimensions.

To obtain the off-center point, one lip of the drill was ground lower than the other and the effect of this relative difference in lip height was then studied for spiral-point and chisel-point drills. The effect of the difference in lip height is clearly shown by the samples shown in Fig. 3. These samples were

produced by the quick-stop technique to obtain chips in the process of being formed. Cutting conditions were 0.007 ipr and 520 rpm. A lip height difference of 0.003 inch caused the unequal chips shown in Fig. 3a.

One chip does not extend all the way to the periphery because the drill was deflected slightly off center. Even more deflection occurred with the sample in Fig. 3b, where the lip height difference was 0.006 inch. One cutting edge formed only a partial chip toward the center of the drill and no chip at all at the periphery because the drill deflected so much. Two quick-stop specimens produced by spiral point drills are shown in Figs. 3c and 3d, made by drills having lip height differences of 0.003 and 0.006 inch respectively. The inequality of chip formation is similar to the specimens produced by chisel-point drills.

The quick-stop samples for both the chisel-point and spiral-point drills bear out the theory that a difference in lip height causes the drill to deflect to one side because one cutting edge makes a bigger chip than the other. The drill point deflects away from the cutting edge on which the greatest force acts, tending to equalize the forces on the two lips. Nonuniform chips and oversize holes result.

Drill Body Eccentricities: Because of the methods used in drill manufacture, web eccentricity and flute spacing normally go hand in hand. When one

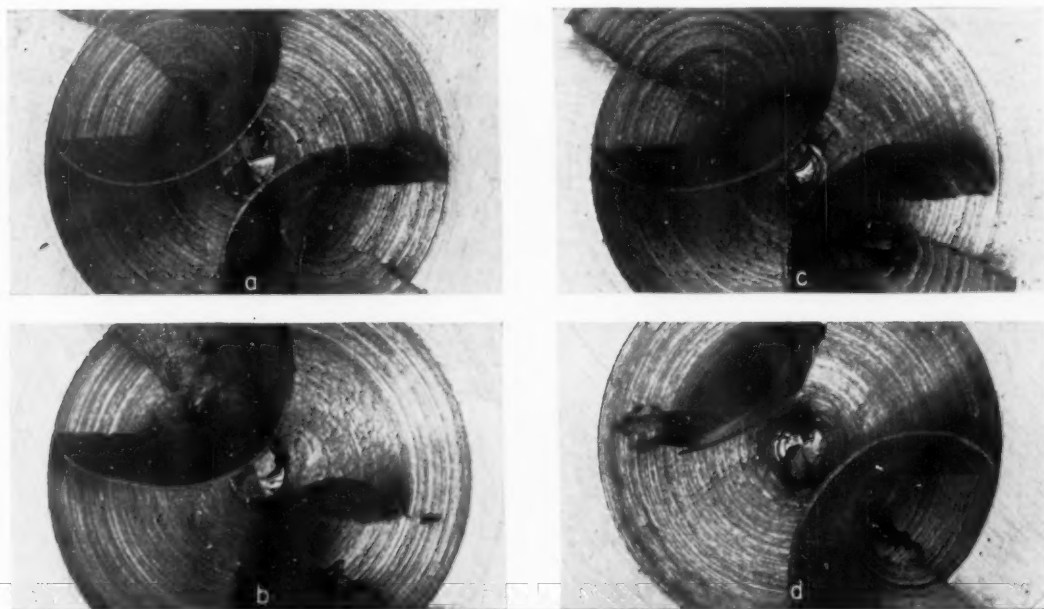


Fig. 3. Quick-stop specimens show the effect of a difference in lip height, for both chisel and spiral-point drills.

DRILL SYMMETRY

—effects on hole production

By **W. Andrew Haggerty**
Research Supervisor
The Cincinnati Milling Machine Co.
Cincinnati, Ohio

When drills are not symmetric, hole production suffers seriously. The specific effects of drill eccentricities on hole quality and drill life has been revealed by a series of tests. The results can be used to improve hole finish, size and location accuracy and drill life.

From Paper 254, "Effect of Drill Symmetry on Performance," presented at the 28th ASTME Annual Meeting. Copies of the complete paper are available for purchase from Society Headquarters.

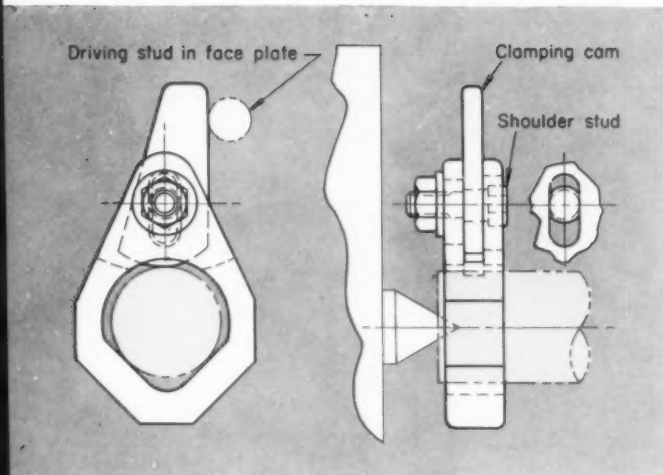
DRILLING ACCURACY can be improved by a variety of methods—the application of spiral point geometry, the use of stub holders, guide bushings and the like. But unless the drill itself is accurately ground, production of poor holes results. Drill eccentricities cause inaccurate location, oversize holes and short drill life. The two major sources of poor holes are drill point and drill body eccentricities.

Drill Point Eccentricities: When an accurately pointed drill is used uniform chips are formed by both cutting edges, as in *Fig. 1*. Each chip extends to the periphery because lip height is equal. When the point is ground off-center, a difference in lip heights results, as shown in *Fig. 2*.

In experimental studies of the effect of point eccentricity on performance, the variable used was not point eccentricity as such, but rather the relative difference in lip height. This easily measured quantity is a direct function of point centrality and can be determined from the equation $H = 2t/\tan K$,



Fig. 1 Only when drill symmetry is accurate will chips be cut equally by each lip of the drill.



Quick-Acting Work Driver

Considerable time is lost in applying and removing the driver when using an engine lathe for production work. The quick-acting driver illustrated reduces this time. A clamping cam working a slot in the driver and pivoting on a shoulder stud holds the driver on the work securely. It has a lead corresponding to an angle of six deg and a working surface of approximately 90 deg. Slots in the driver allow the stud to be positioned for work of different diameters. A flat on the large diameter of the stud keeps it from turning when tightening the nut.

*F. Murray
Chicago, Ill.*

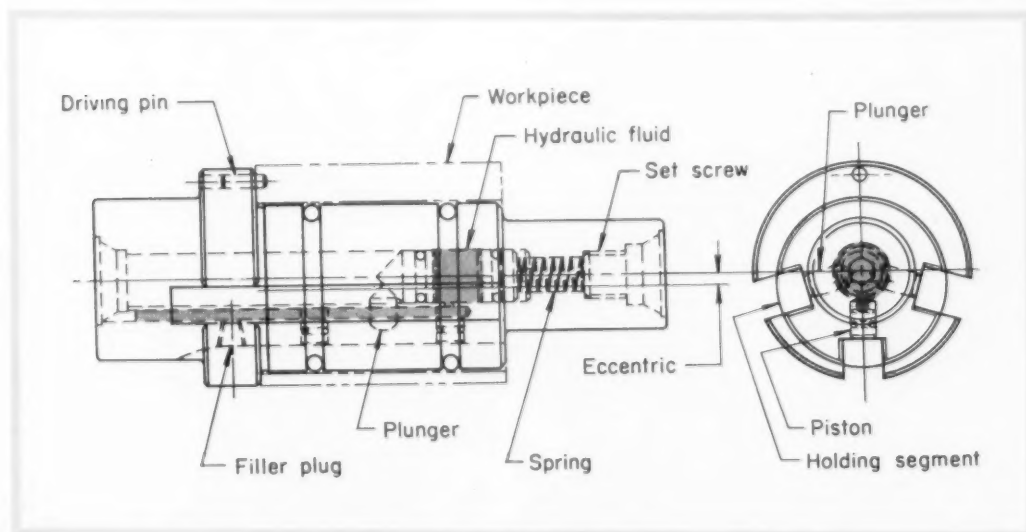
Hydraulic Arbor

In the production of certain parts it is necessary to hold a certain dimension on the eccentric thin wall of a cylinder to close tolerances while grinding the OD. The hydraulic grinding arbor illustrated holds parts securely and distributes holding pressure so that cylinder walls are not deformed.

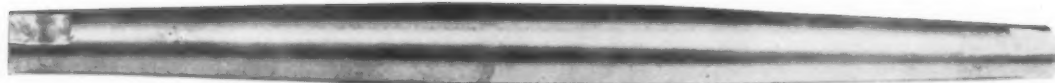
A setscrew compresses the die spring to a set and constant pressure of about 20 pounds. This pressure acts upon a piston which (through a hydraulic fluid chamber) transmits the pressure to another piston and two opposite side plungers. The pressure is thus divided into two components of 10 pounds each acting upon separate holding segments.

Pressure is also transmitted hydraulically to two pistons which act upon the bottom segment. The two bottom pistons have a diameter of one-half the original piston; thus each piston will exert a pressure of 5 pounds or a total of 10 pounds acting upon the bottom segment. Each of the three segments has an equal pressure of 10 pounds acting upon it. Pistons are fitted with O-rings to seal hydraulic fluid. The three segments hold the part to one side to retain the critical dimension for grinding the OD.

*George Bo-Linn
Houston Chapter*



Gadgets

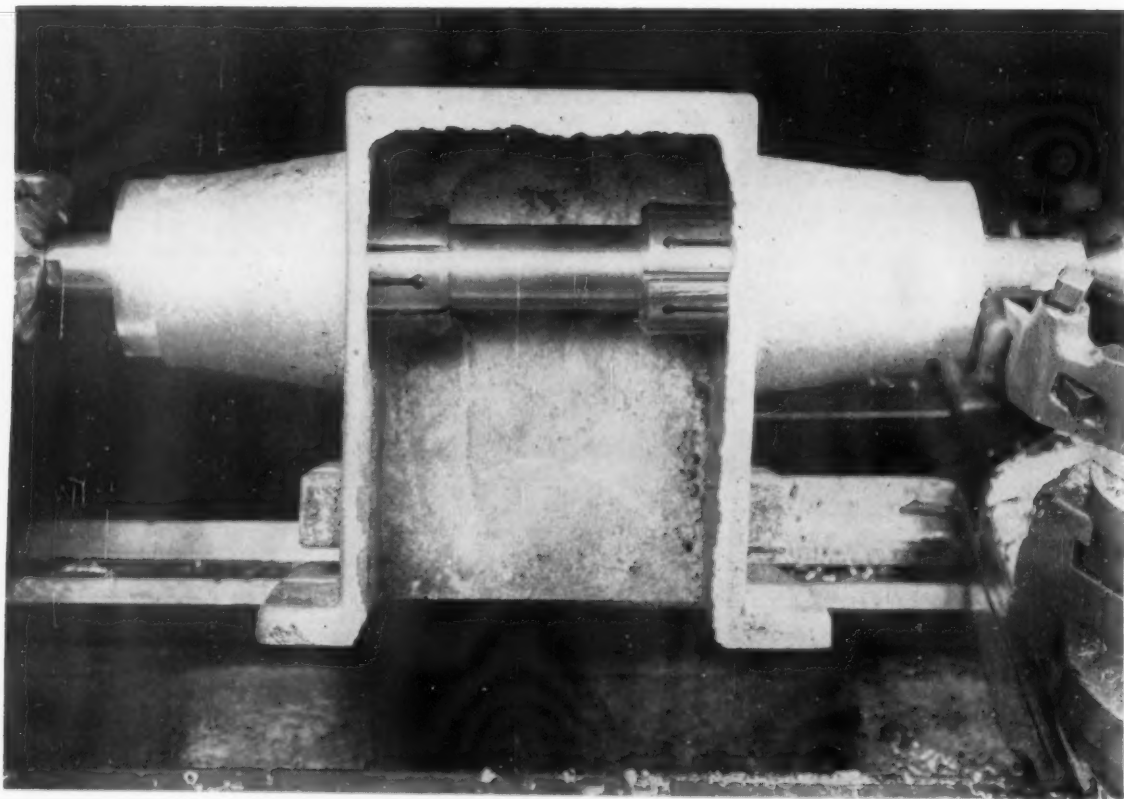


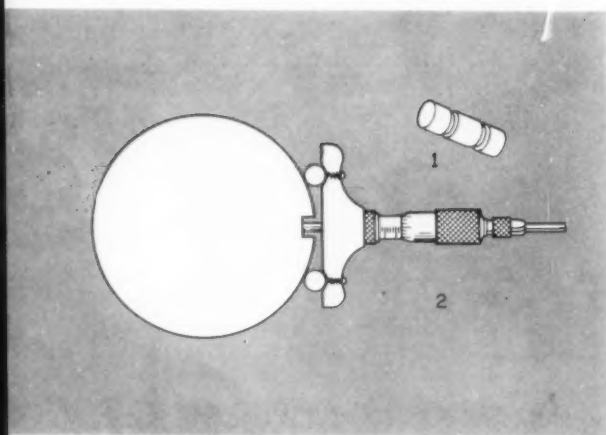
Duplex Taper Mandrel

When the duplex mandrel illustrated is used to turn diameters on opposite ends of a casting, the operations can be performed in one setup. The sleeves from a pair of expanding mandrels are combined with a special mandrel which is turned to a taper on each end. This taper is made identical with that in the sleeves.

The sleeves are inserted into previously bored holes in the workpiece and tapped lightly with a rawhide hammer to expand them sufficiently to grip the work. Release at the conclusion of the turning operation is accomplished by tapping again lightly in the opposite direction.

*H. J. Gerber
Member-at-Large
Stillwater, Okla.*

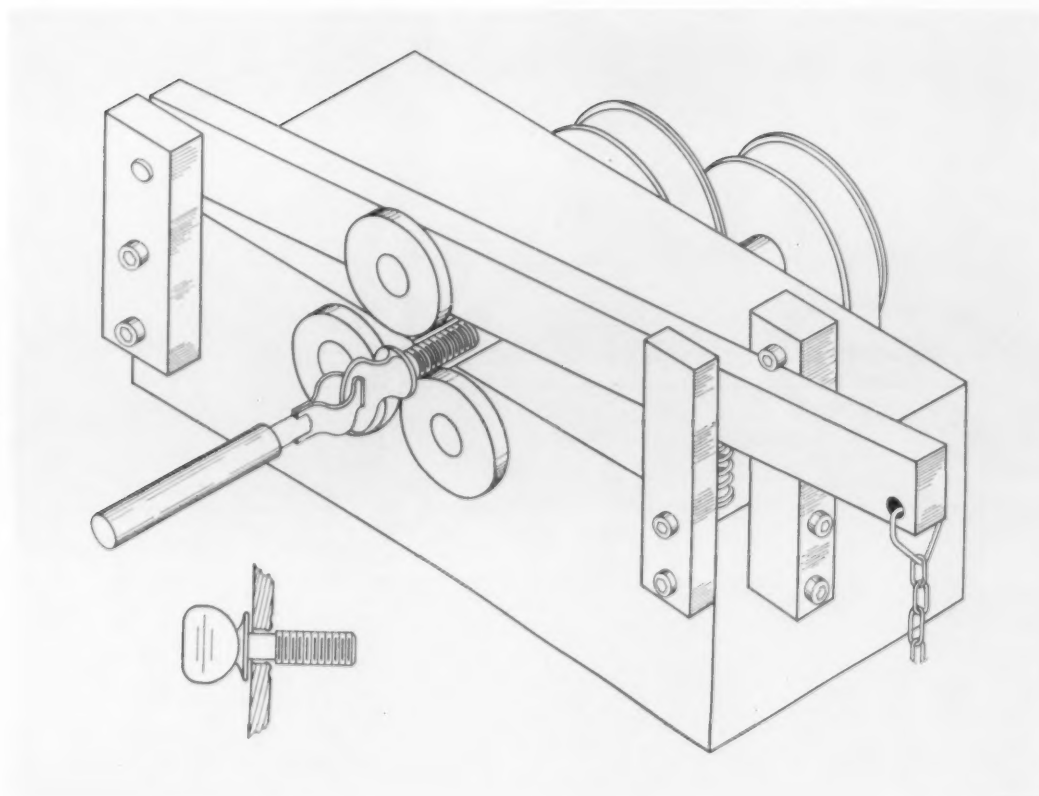




Keyway Gage

Measuring keyways in shafts from the bottom to the opposite side of the shaft with an outside micrometer is awkward when the shaft is still mounted for cutting. Using a depth mike sometimes results in inaccuracies because burrs may remain on the keyway edges. Adapting a depth micrometer as shown eliminates these problems. Two notches are ground in the depth micrometer, and two grooves are ground in each of two dowel pins. A light spring is used to hold the pins in the notches on the mike. To measure depth of a keyway, a reading is taken on the shaft and another reading in the keyway. The difference between these two readings gives the keyway depth below the shaft surface.

Clint McLaughlin, Rockaway, N. Y.

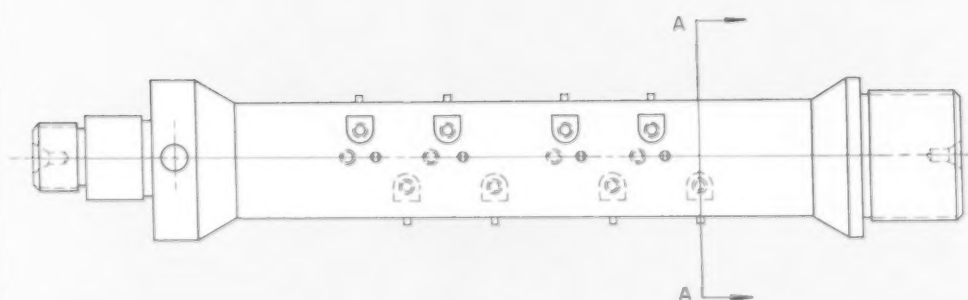
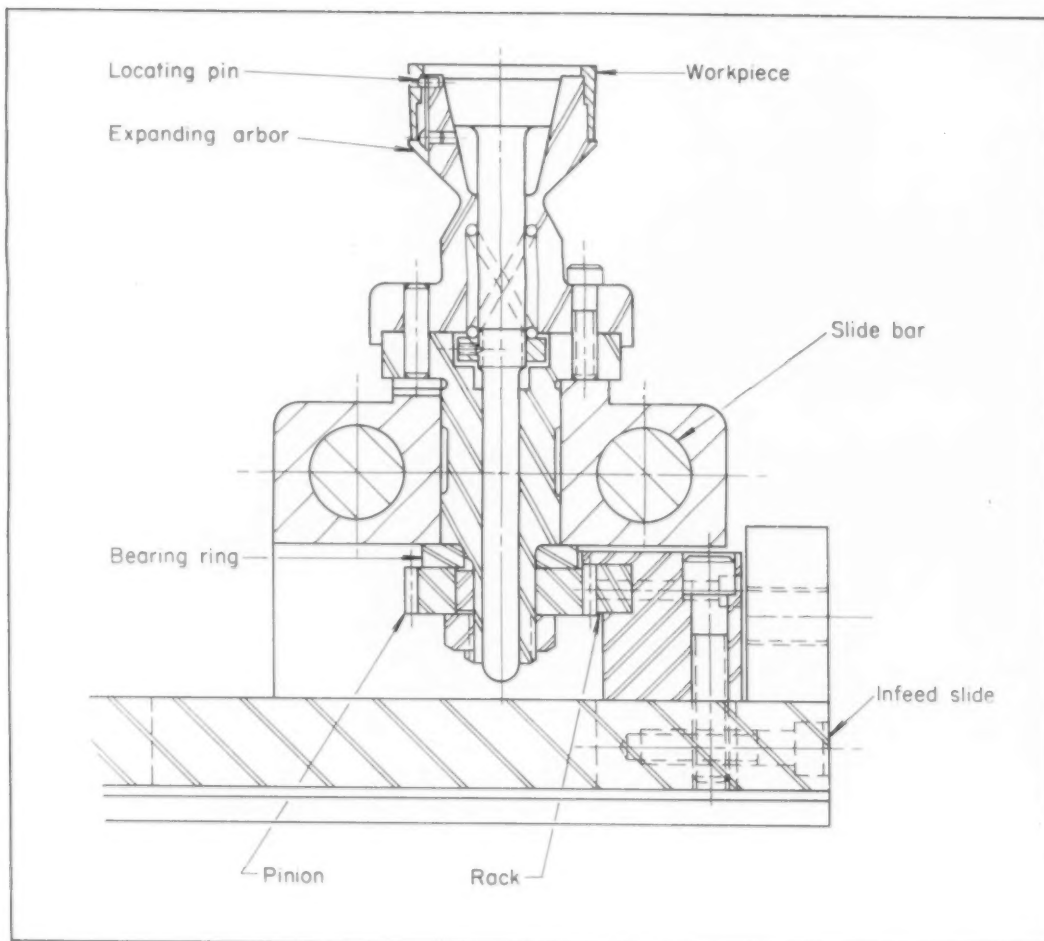


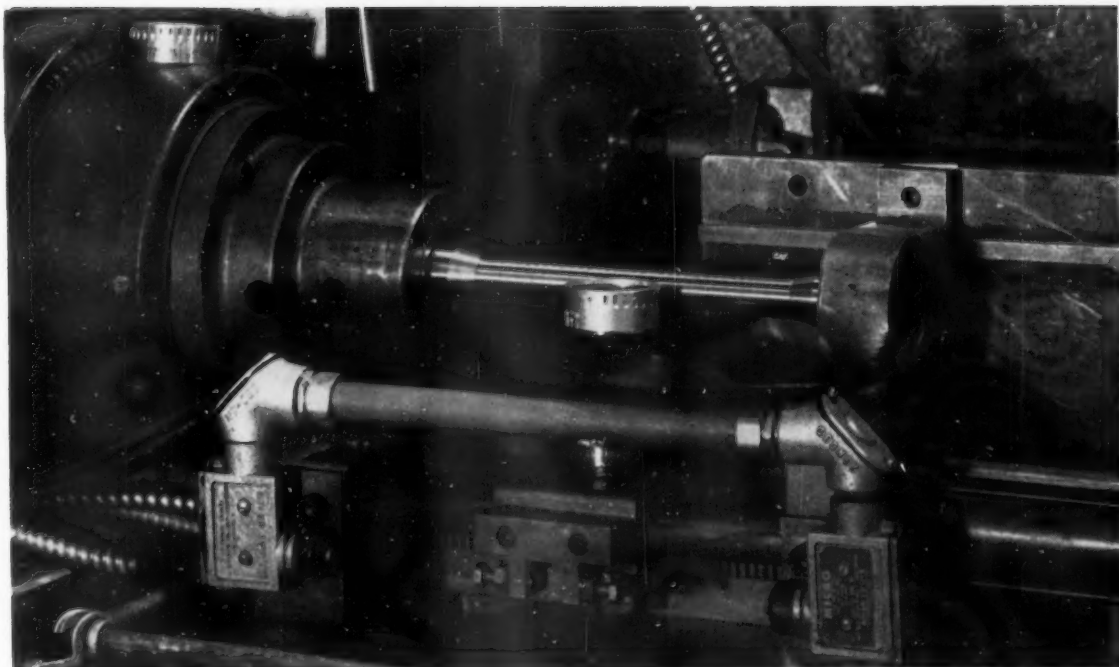
Thread Flattener

When thumbscrews must be held captive in sheet metal parts, a portion of the threads can be rolled flat and the screw staked in the part as shown. The thread-flattening operation can be accomplished with the mechanism illustrated. It consists of a steel block bored to accept two shafts running in bushings. At the back of these shafts are mounted two hubless pulleys. The drive is through these pulleys

from a motor mounted below them. On the front of these shafts are two hardened rolls. A third roll is mounted in another block and held up by means of a spring. The part is inserted between the rolls and the upper roll forced downward by a foot lever. The part holder has a spring clip on the end which revolves in the handle.

Ernest Jones, Bronx, N.Y.





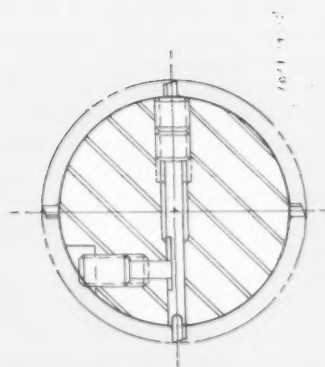
Slot Cutter

Slots or scallops are difficult to cut by ordinary methods on cylindrical parts, especially if the slots are unequally spaced. This operation can be performed quickly and effectively with the tooling illustrated.

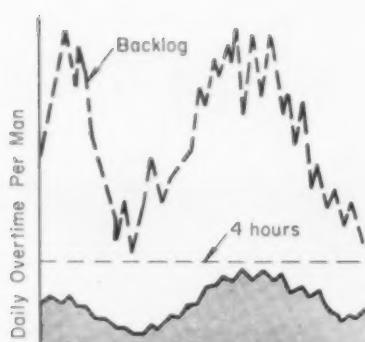
The cutting tool consists of a shaft or arbor in which small tool bits are inserted. The tool bits are spaced according to the slot pitch on the part. The workpiece is held in a fixture and is rotated as it is fed along the cutter. A rack and pinion arrangement between the cutter and machine provide the necessary rotary motion.

Automatic clamping, advance and return, can be provided. The fixture is fed linearly by means of a hydraulic cylinder.

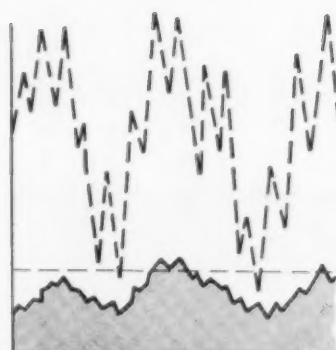
*Al Bethke and
Don Hochgreve
Ann Arbor Area Chapter*



SECTION A-A (double size)



First estimate of order rate
0 days with overtime over 4 hr
Overtime expense: \$1196



Second estimate of order rate
3 days with overtime over 4 hr
Overtime expense: \$1563

Fig. 4. Plot of daily overtime and backlog. Backlog adjusted in five days.

business, operating under each of the following production scheduling policies:

Policy 1: Produce to keep finished inventories near a desired level equal to three weeks of sales. Make any inventory adjustments gradually over an 8-week period.

Policy 2: Produce to keep up with current incoming orders.

Policy 3: Produce steadily at the average sales rate expected for the year, handling fluctuating demand from inventory.

Policy 4: Produce at the average sales rate unless finished inventories go above or below set limits; then adjust the work schedule up or down by 10 percent. (e.g., work a half-day on Saturday.)

Policy 5: Produce at a fluctuating rate representing a best estimate of expected sales.

The accompanying table shows a summary of certain key operating statistics. (Retail sales averaged 1075 units per week during the period.)

In addition to these figures the computer calculated, week by week, for three years, the model company's cash balance, inventories, backlog, unit direct labor cost (which rose briefly whenever new production rates were established), total overhead (which varied with production volume but always lagged changes in factory activity), bills payable and receivable, taxes due, material usage and purchasing rate, production rate, capital expenditures and other data.

The first run led to the selection of Policy 4 as most suitable to the company's needs under the given assumptions about sales. With this scheduling practice, employment levels were fairly steady, inventory costs were lowest, production peaks were not excessive and shipping delays were minimized.

Several new punched cards were then inserted in

the computer deck so as to greatly accelerate the anticipated growth in sales. Under these assumptions serious shipping delays were observed with this scheduling policy. The need for adjustments in the average production rate and inventory limits was apparent. It was possible, with an hour's time on the computer, to optimize a production plan for the model company such that costs, investments in inventory, shipping delays and employment fluctuations were minimized under the most likely expectations about incoming sales.

This study serves to illustrate again the particular advantages of business simulation. On a computer the company can be test-run without danger of loss of business or profit. Furthermore, the outcome of events lasting over periods of years can be evaluated in minutes. Problems of operating policy too complex for other types of analysis can quickly be reduced to quantitative terms and displayed graphically so that swings and trends can be observed.

Simulation can never replace subjective management judgment as to what is the best move from the point of business ethics, community relations, customer goodwill, company prestige or the like. However, by solving the unmanageable mass of tangible dollars-and-cents factors it aids more frequent and accurate evaluations of operating policies.

Acknowledgment

The author wishes to acknowledge the major contribution of Mr. James W. Alstrom, who collaborated with him in the study of a hypothetical manufacturing company at the Harvard Business School and Massachusetts Institute of Technology. This study, entitled *Production and the Flow of Funds, A Simulation of the Dynamic Effects of Management Policies*, also drew heavily on the work of Professor Jay W. Forrester and the M.I.T. School of Industrial Management's Industrial Dynamics group.

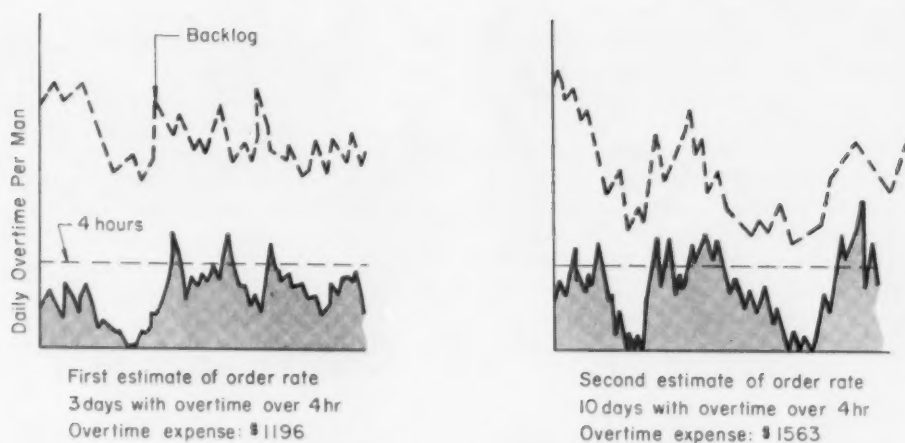


Fig. 3. Plot of daily overtime and backlog. Backlog adjusted in two days.

backlog, and what will my overtime expense be? I estimate that requests will be received at about the same daily rate and variation as experienced last quarter, but to get a complete picture of the situation, please also run the problem using the rather erratic request rate which we experienced a year ago." Fig. 3 shows the data from the computer, which is set up to plot graphs.

After reviewing this, the supervisor asks, "What would happen if I didn't try to bring my backlog in line within two days? Say I tried to clean up only a fifth of any excess backlog each day." One punched card in the deck representing this problem is changed and the program is rerun.

Fig. 4 shows the rerun data. By reducing the fluctuations in overtime worked, the supervisor introduces new fluctuations in his backlog. While the nature of the outcome is no surprise in this situation, the results of most policy changes are much more subtle and elusive.

Uses of Technique: Simulation, after all, is used where the problem is much more complex. Rather than being concerned with the day-to-day overtime of a three-man repair shop one may be preparing the factory budget and weekly production forecast for a large corporation. Wholesalers' orders or retail sales are the independent input, and consideration may be given to productivity increases, economic order quantities, machinery downtime, product mix or capital expenditures.

Simulation might be particularly useful in studying the effects of operating policy changes such as: A second shift is to be added to the factory. What will this do to fixed and variable costs, shipping delays, inventories, purchasing rate, quality, timing of production on seasonal merchandise? An-

other example may be: The company is considering ordering raw materials in large lots, less frequently. What happens to the cost of material, storage and handling expense, space requirements, cash outflows, inspection work load, ability to respond to changes in sales, inventory investment?

Application to a Model Company: The effect of changing production scheduling policy in a manufacturing company has been examined in some depth by simulation. The company model was run under varying sales conditions, using several common production scheduling practices. The object of the study was to examine the effect that changing production planning policies had on backlogs, shipping delays to wholesalers, required plant capacity, inventories, profits and financial condition.

The model was constructed step by step from simple equations like the ones used for the repair shop. Over 100 equations were used to represent the flow of orders from the customer through retailers and wholesalers to the factory, the way direct and overhead expenses varied in the factory, how raw materials were ordered, the timing with which goods were shipped, the sources of delay in responding to change, the payment of taxes, dividends and capital expenditures, the settlement of bills. These equations represented the entire flow of information, cash and goods. They were converted into a punched card program and run on the IBM 704 at the Massachusetts Institute of Technology Computation Center in Cambridge, Mass.

In a typical run, the company was given this sales forecast: "Seasonal, with spring and fall 10 percent above average and summer and winter 10 percent below, growing at 5 percent per annum." The company was then run through three years of

that the chief occurrences of labor inefficiency accompany changes in the production schedule. Every time production increases, unit direct labor costs rise, because of overtime and the expense of training new people. Furthermore, when production falls off, unit costs also rise because of poor utilization of manpower, morale problems and layoff costs. Correlation analysis might lead to the conclusion that the variance depends on the ratio of current production to average past production. A graph of historical experience and an approximate relationship is shown in Fig. 1. The curve for this company is approximated by the formula:

$$ACL = SC + K \left[1 - \left(\frac{CP}{AP} \right) \right]$$

where *ACL* is actual labor cost today, *SC* is standard cost, *K* is a constant, *CP* is current production and *AP* is average production.

The computer solves all of the equations, such as the above, representing the day's operations in a fraction of a second. The inventories, production rates, costs, backlogs, and so forth calculated for one day are recorded and then used as inputs to the next day's calculations. By solving the entire group of equations several hundred times in a few minutes, the computer arrives at the pattern of operations for a year's time or longer.

Using a Model: The following simple example serves to illustrate how the entire simulation model is put together and used. A three-man repair shop is doing a lively business in small jobs. The usual 24 man-hours a day of available time is insufficient to handle a large volume of work which occasion-

ally arises and overtime is common. The supervisor likes to keep a three-day backlog of orders on hand. Any time his backlog is different from this desired level he strives to bring it in line by working more or less overtime; in general, he attempts to complete this adjustment of his backlog in about two days' time.

Fig. 2 illustrates the manner in which work and information flow through this small shop. The input of work requests into the shop is the independent variable. (In many models, sales might be the basic input.) Shop output, overtime expense and backlog are the dependent variables.

The orders which the supervisor forwards to his men depend upon two things: the requests which he receives from others, plus whatever work he wishes done to adjust his backlog to the desired level, within the next two days.

The equation for this decision, expressed in man hours, is: Orders today equals requests today plus one-half of the difference between actual backlog this morning and desired backlog, or,

$$O = R + \frac{1}{2} (B_t - B_d) \quad (1)$$

To solve this equation, in addition to the input, or requests, the desired backlog and this morning's actual backlog are needed. The desired backlog is three shop days' work or in this instance, 3 times 3 men times 8 hours per day or 72 man-hours, a constant.

The day the shop started business there was some given backlog. Thereafter, the actual backlog each morning is calculated from the previous morning's backlog, by considering the requests which flowed in during the day minus the jobs which were completed. Such an equation will be written as follows: Backlog this morning equals backlog yesterday morning plus requests minus completions yesterday, or

$$B_t = B_y + (R - C_y) \quad (2)$$

The last equation contains the new variable completions. If the shop finishes up all of its jobs within the day, completions equals orders or,

$$C = O \quad (3)$$

Since all orders in excess of three man days or 24 hours per day must be completed on overtime by this shop, the overtime expense today equals the overtime pay rate times the man hours of orders completed today minus 24 or,

$$E_t = E_o (T - C_t)$$

The supervisor discusses his problem with the computer programmer and explains that he is seeking the following information: "Given my present backlog, how many times during the next three months will we have to work more than four hours overtime in a night, what will be my day-by-day

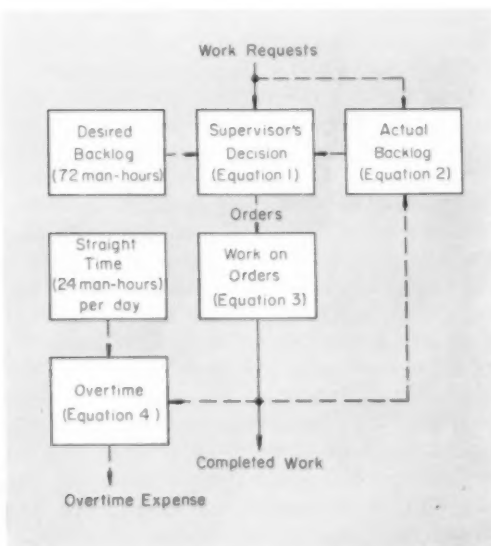


Fig. 2. Schematic diagram of work and information flow through a small repair shop.

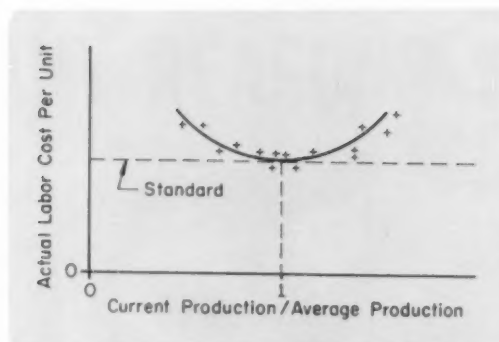


Fig. 1. A plot of historical costs versus production changes. Actual cost is nearest standard when production is steady.

Advantages of the Method: To realize why business simulation on high-speed computers is superior to conventional methods of analysis, one must consider the complex way in which the segments of a manufacturing business interact with each other. There is constant feedback, with changes in one functional area influencing the operations of others, until some of the change comes back to affect the initial moves.

In a hypothetical situation, for example, a marketing manager initiates a seasonal promotion, thereby altering the flow of orders into the factory. As a result, overtime, warehousing cost, manpower utilization and other determinants of factory expense undergo change. Shipments are scheduled differently and affect production and purchasing.

The build-up of expenses, inventories and customers' bills takes on a new time pattern. This, combined with capital outlays to expand peak seasonal capacity, creates a shortage of funds. When the budget is reviewed, it is found necessary to cut expenditures for a certain cost-saving equipment and a proposed diversification project. The net result is that a short-run marketing decision has effects that feed back to influence the long-run competitive position of the firm.

In the normal course of business decision making, sales, production, and fiscal decisions are often made with limited attention paid to these interactions. When they are considered, they are generally treated only qualitatively. The process of calculating their full effects is just too difficult. However, high-speed computers, because of their enormous capacity, can consider the hundreds of interactions which exist within the company—something no human would have the time to do.

Simulation Model: In order that the computer can test run the company, it must be provided with a description of the company's operating behavior—a simulation model. The model is nothing more than a multitude of simple algebraic state-

ments about how the various parts of the company operate each day. Scores, or even hundreds of simple equations are used. In their aggregate, when fed to the computer, they represent the complexity of the entire organization.

The simplicity of the equations arises from two sources. First, each of them describes a single decision, expenditure, movement of material or information, or other easily isolated occurrence. Typical equations might be:

Desired finished goods inventory = 3 weeks shipments

Labor expense = Production \times actual labor cost per unit

Raw material purchase quantity = Desired inventory — Actual inventory — Quantity already on order

In addition, simplicity results from writing equations for very brief periods of time, e.g., a day. While it is difficult to describe fluctuating levels and rates for the coming year in a short equation, it is relatively easy to state that:

Orders in process today =

Orders in process yesterday + New orders — Orders completed yesterday

Dollar value of shipments today = Units shipped today \times Current price

These equations are ones that can be expressed by any company manager; they require only an understanding of the operation being described, and a brief introduction to the special format and abbreviations used in model building. The accuracy with which they represent the true conditions depends on the need for it and the ability of the manager to relate dependent variables in some way to the independent variable.

The recognition of these operating relationships is sometimes much more difficult than the technical problems or mathematics of model building. Intensive analysis may be required to find the correlations between cause and effect. Consider a situation in which standard labor cost per unit is not judged to be accurate enough for a cost predictive study. Consequently, an equation is required to show how actual costs vary.

From historical data the company might find

Summary of Key Operating Statistics

Key Statistic	Policy				
	1	2	3	4	5
Peak productive capacity needed (Units per week)	1850	1475	1100	1300	1175
Labor inefficiencies arising from production changes (Thousands of dollars per year)	408	124	0	4	7
Cost of carrying inventories (Thousands of dollars per year)	119	112	98	98	127
Maximum delay in filling wholesalers' orders (Weeks)	3	3	4	2	4

LONG-RANGE MANUFACTURING PLANNING

crystal ball or computer?

By Leonard Kraner*

Harvard University
Cambridge, Mass.

Using a technique called "business simulation," effects of management decisions can be foretold years ahead of time. Algebraic equations representing the factors involved are processed on a computer to reveal the best course of action.

NO ONE CAN PREDICT the future with any certainty. This is especially true of business decisions. Is a decision to expand a manufacturing plant a wise one? Ultimately, only time will tell. Nevertheless, if the effects of all possible variables are taken into consideration, a decision to expand a plant can be made with greater confidence and a greater chance of success.

Some variables, however, are difficult to anti-

*Junior member ASTME Boston Chapter.

pate. One change can lead to others that were not taken into account when the initial decision was made. For example, a production facility is conveyorized. The manager finds that he can't push through rush orders any more; the export manager discovers that the lower costs enable him to sell more goods; production planning reappraises several make-or-buy decisions and gives more work to the plant; and the warehouseman runs out of space for the new inventory coming off the end of the line. Sometimes it takes months or even years to learn whether the intended results have been achieved as well as to evaluate the side benefits. Occasionally, time proves the decision to be a costly one, but this is known or surmised only after an irrevocable move has been made.

Business Simulation: It is possible to see the outcome of some of these important moves in advance. Using high-speed computers and business simulation, companies can be test-run through years of ups and downs with and without the contemplated changes. In minutes, a computer can calculate what inventories, backlogs, production rates, costs or other key factors might be under each of several alternate plans of action. Without the risk of expensive mistakes, business simulation can be used to point out such pitfalls as shipping delays, raw material shortages and inefficient scheduling.

There are MANY REASONS WHY...



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Yes it's hard to believe, yet true! This completely new Model 14A "Big K" incorporates many cost saving features which result in cutting capacity and ability far in excess of any other cut-off method of this kind. It provides convenience and versatility not found in other metal cutting band saws.

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The blade is driven by a 7½ HP motor through fluid drive. The machine is controlled by 1½ HP motor.
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Full 14" x 24" rectangular capacity.
5. **BLADE SELECTIVITY**
A unique method of grooving wheels permits use of 1", 1¼" or 1½" wide blades.
6. **BLADE SPEED**
Infinitely variable hydraulically driven 40 to 450 FPM.
7. **PIVOT BAR**
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Your Society has spent a great many tens of thousands of dollars to provide this Suppliers Directory tool for you. It was compiled after many of you told us this was something you really needed and would like to have.

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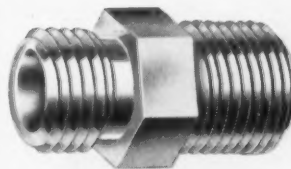
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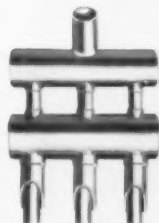
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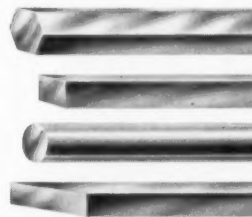
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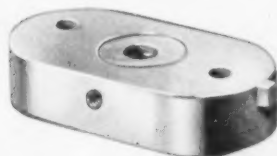
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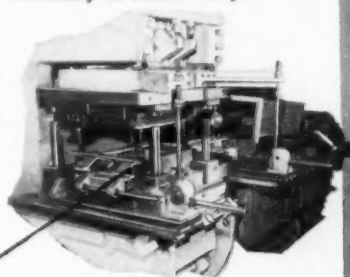
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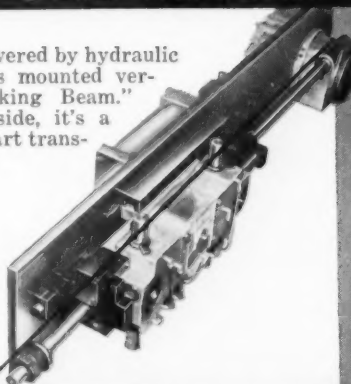


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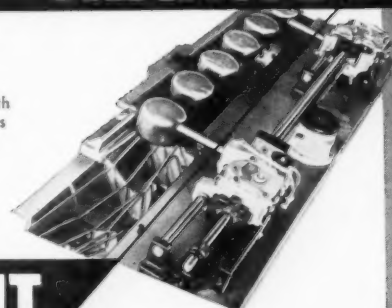
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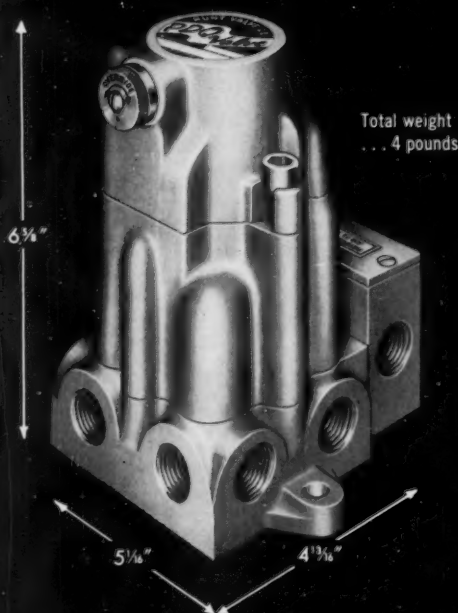
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Therm Inc.
Hudson St., Ext.
Ithaca, N. Y.

JACKSON No. 87

Walter G. Walker
Modern Machine Tool Co.
2005 Losey Ave.
Jackson, Mich.

KALAMAZOO No. 116

Grant E. Belfuss
1020 Forest Dr.
Kalamazoo, Mich.

KANSAS CITY No. 57

Paul W. Arnold
Butler Mfg. Co.
7400 E. 13th St.
Kansas City, Mo.

KEYSTONE No. 101

Francis G. Forquer
818 Sunset St.
Scranton, Pa.

KNOXVILLE-OAK RIDGE No. 107

Harold E. Alvey
100 Orchard Circle
Oak Ridge, Tenn.

KOKOMO No. 137

Ray Schwalenberg
214 E. Blvd.
Kokomo, Ind.

LA CROSSE No. 96

K. H. Dahl
821 State St.
La Crosse, Wis.

LANSING No. 109

Arthur G. Reiser
1514 E. High St.
Lansing 12, Mich.

LEHIGH VALLEY No. 83

Carl Ocellotto
656 Hanover Ave.
Allentown, Pa.



Chapters and Chairmen

(including chapter numbers)

GREENVILLE-SPARTANBURG

No. 164
A. Clayton Brown
Draper Corp.
Drawer 1091
Spartanburg, S. C.

HAMILTON No. 42

Ronald J. C. Tipping
Futurmill Canada Ltd.
P. O. Box 95
Dundas, Ont., Can.

HARTFORD No. 7

Howard A. Wheeler
Wellington Heights Rd.
Avon, Conn.

HENDRICK HUDSON No. 114

Gennaro DeRubertis
241 Sixth Ave.
Troy, N. Y.

HOUSTON No. 29

Harry M. Betts
4002 Drake St.
Houston 5, Tex.

LEXINGTON No. 154

John Balk
208 Holly St.
Frankfort, Ky.

LIMA No. 97

Donald H. Cox
1423 W. Wayne St.
Lima, Ohio

LITTLE RHODY No. 53

Bertrand E. Guinden
21 Terrace Ave.
Cumberland, R. I.

LITTLE ROCK No. 123

Joe Bonnell
1007 McArthur Dr.
Jacksonville, Ark.

LONDON-ST. THOMAS No. 91

William Graham
40 Barnes St.
St. Thomas, Ont., Can.

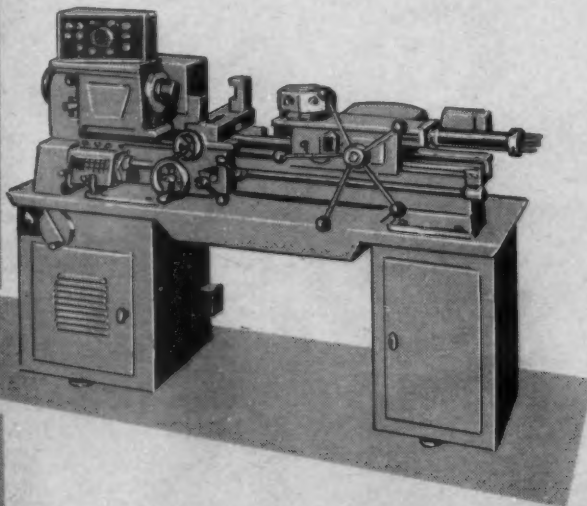


PRODUCTS

Products specified by tool and manufacturing engineers are listed alphabetically in this section of the directory. Because the purpose of this directory is to acquaint users with local sources of such products, engineering services and special products are not enumerated.

Listed in alphabetical sequence beneath each product heading are those companies specializing in the manufacture of that product. Authenticity of these companies as bona fide manufacturers is attested to by certification—of the companies themselves.

Use of this directory is comparatively simple. After selecting any one of the manufacturers listed under a product heading, the user need only turn to the yellow pages. There he will find the manufacturer's complete address and phone number, as well as code numbers which direct him to the nearest local source of supply.



PRODUCTS

ABRASIVE BANDS

Behr-Manning Co., Div. Norton Co.
Boice-Crane Co.
Carborundum Co., The
Clover Mfg. Co.
Coastal Abrasive & Tool Co. Inc.
Field Abrasive Mfg. Co. Inc.
Martindale Electric Co.
Metal Removal Co., The
Mid-West Abrasive Co.
Minn. Mining & Mfg. Co.

ABRASIVE BELT

Armour Alliance Industries
Behr-Manning Co., Div. Norton Co.
Black & Decker Mfg. Co., The
Boice-Crane Co.
Carborundum Co., The
Clover Mfg. Co.
Evans Reamer & Machine Co.
Field Abrasive Mfg. Co. Inc.
Mid-West Abrasive Co.
Millers Falls Co.
Minn. Mining & Mfg. Co.
Porter-Cable Machine Co.
Skill Corp.
United Mineral & Chemical Corp.

ABRASIVE BELT MACHINES

B & E Mfg. Co. Inc.
Boice-Crane Co.
Carborundum Co., The
Clementina Ltd.
Delta Power Tool Div., Rockwell Mfg. Co.
Doeden Tool Corp., Dotco
Pneumatic Tools
Evans Reamer & Machine Co.
Excelator Tool & Machine Co.
Grinding & Polishing Machinery Corp.
Hammond Machinery Builders Inc.
Hill Acme Co., The
Hiley-Wolf Machine Co., The
Industrial Metal Products Corp.
Mattison Machine Works
Max Mfg. Co.
Mead Specialties Co.
Merit Products Inc.
Morradian Mfg. Co.
Murray-Way Corp.
Nedco Co.
Nicholas Equip. Co.
Production Machine Co.
Rockwell Mfg. Co.
Ryman Engrg. Co.
Sales Service Machine Tool Co. (Havir)
Skill Corp.
Sundstrand Machine Tool Div.
Sundstrand Corp.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.

ABRASIVE BLASTING MACHINES (see Blast Finishing Machines)

ABRASIVE CORD & TAPE

Field Abrasive Mfg. Co. Inc.
Mitchell Co., E. C.

ABRASIVE CUTOFF MACHINES (see Cutoff Machines Abrasive)

ABRASIVE CUTTING MACHINES, PORTABLE

Black & Decker Mfg. Co., The
Collins Machinery Corp.
Skill Corp.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Ty-Sa-Man Machine Co. Inc.
Victor Inc.
Wallace Supplies Mfg. Co.

ABRASIVE DISKS

Amer. Emery Wheel Works
Armour Alliance Industries
Bay State Abrasive Products Co.
Behr-Manning Co., Div. of Norton Co.
Besly-Welles Corp., Machine Tools & Abrasives
Black & Decker Mfg. Co., The
Carborundum Co., The
Clover Mfg. Co.
Collins Machinery Corp.

Cratex Mfg. Co. Inc.
Field Abrasive Mfg. Co. Inc.
Foredom Electric Co. Inc.
Gardner Machine Co.
Hoe & Co. Inc., R.
International Abrasive Corp.
Jergens Tool Specialty Co.
Martindale Electric Co.
Metal Removal Co., The
Mid-West Abrasive Co.
Millers Falls Co.
Milwaukee Motive Mfg. Co.
Minn. Mining & Mfg. Co.
Mohawk File & Tool Co.
Norton Co., Abrasive Div.
Pekay Abrasives Inc.
Raybestos-Manhattan Inc., Manhattan Rubber Div.
Shwayder Chemical Metallurgy Corp.
Simonds Abrasive Co.
Skill Corp.
United Mineral & Chemical Corp.
Wyzenbeek & Staff Inc.

ABRASIVE DRUMS

Field Abrasive Mfg. Co. Inc.
Foredom Electric Co. Inc.
Metal Removal Co., The
Mid-West Abrasive Co.
Nu-Matic Grinders Inc.
Shwayder Chemical Metallurgy Corp.
Wyzenbeek & Staff Inc.

ABRASIVE FLAP WHEELS

Armour Alliance Industries
Bay State Abrasive Products Co.
Behr-Manning Co., Div. Norton Co.
Carborundum Co., The
Merit Products Inc.
Minn. Mining & Mfg. Co.
Schaffner Mfg. Co. Inc.

ABRASIVE PAPER & CLOTH

Armour Alliance Industries
Bay State Abrasive Products Co.
Behr-Manning Co., Div. Norton Co.
Black & Decker Mfg. Co., The
Carborundum Co., The
Clover Mfg. Co.
Mid-West Abrasive Co.
Minn. Mining & Mfg. Co.
United Mineral & Chemical Corp.

ABRASIVE WHEELS

Allison-Campbell Div., Amer.
Chain & Cable Co. Inc.
Amer. Emery Wheel Works
Antares Instruments Inc., Subsidiary Wilkens Inc., A F.
Bay State Abrasive Products Co.
Behr-Manning Co., Div. Norton Co.
Black & Decker Mfg. Co., The
Boyar-Schultz Corp.
Brightboy Industrial Div., Weldon Roberts Rubber Co.
Carborundum Co., The
Cincinnati Milling & Grinding Machines Inc.
Coastal Abrasive & Tool Co. Inc.
Collins Machinery Corp.
Colonial Abrasive Products Co.
Cortland Grinding Wheels Corp.
Cratex Mfg. Co. Inc.
Diamond Tool Co.
Electro Refractories & Abrasives Corp.
Elgin National Watch Co., Abrasives Div.
Evans Reamer & Machine Co.
Felker Mfg. Co.
Field Abrasive Mfg. Co. Inc.
Foredom Electric Co. Inc.
Fuller Merriam Co., The
Hanson Co.
Hoe & Co. Inc., R.
International Abrasive Corp.
Jowitt & Rodgers Co.
Macklin Co.
Merit Products Inc.
Metal Removal Co., The
Micromatic Hone Corp.
Mid-West Abrasive Co.
Millers Falls Co.
Mohawk File & Tool Co.
Norton Co., Abrasive Div.
Pacific Grinding Wheel Co.

Pekay Abrasives Inc.
Peninsular Grinding Wheel Co.
Precise Products Corp.
Precision Grinding Wheel Co. Inc.
Raybestos-Manhattan Inc., Manhattan Rubber Div.
Robertson Mfg. Co.
Rogers & Co. Inc., Samuel C.
Simonds Abrasive Co.
Skill Corp.
Snap-On Tools Corp.
Sterling Grinding Wheel Co.
Tressler Engrg. Products Div.
Vitrified Wheel Co.
Wallace Supplies Mfg. Co.

ABRASIVES

Abrasive Dressing Tool Co.
Almco Queen Products, Div.
King-Seeley Corp.
Barton Mines Corp.
Bay State Abrasive Products Co.
Behr-Manning Co., Div. Norton Co.
Carborundum Co., The
Clementina Ltd.
Crane Packing Co.
Cratex Mfg. Co. Inc.
Del's Tumbling Service
Detroit Abrasives Co.
Exolon Co., The
Hamilton Emery & Corundum Co.
The International Abrasive Corp.
K. C. Abrasive Co.
Kuzmick Co., The Paul
Lea-Mich. Inc.
Linde Co., Div. Union Carbide Corp.
Macklin Co.
Mecha-Finish Corp.
Mid-West Abrasive Co.
Minn. Mining & Mfg. Co.
Norton Co., Abrasive Div.
Pangborn Corp.
Pekay Abrasives Inc.
Penn Scientific Products Co.
Reich Mfg. Co., J. R., Kettering Branch
Schaffner Mfg. Co. Inc.
Shwayder Chemical Metallurgy Corp.
Simonds Abrasive Co.
Skill Corp.
Speed-D-Burr Corp.
Timesaver Products Co.
Trinity Tool Co.
Tumb-L-Matic Inc.
United Mineral & Chemical Corp.
Vapor Blast Mfg. Co.
Wheelabrator Corp.

ABRASIVES, BARREL FINISHING (see Barrel Finishing Media)

ABRASIVES, DIAMOND (see Diamond Abrasives)

ABRASIVES, OPTICAL K. C. Abrasive Co.

ABRASIVES, STONES

Amer. Emery Wheel Works
Antares Instruments Inc., Subsidiary Wilkens Inc., A F.
B. S. A. Tools Ltd.
Bay State Abrasive Products Co.
Behr-Manning Co., Div. Norton Co.
Black & Decker Mfg. Co., The
Carborundum Co., The
Casalbi Co.
Coastal Abrasive & Tool Co. Inc.
Cortland Grinding Wheels Corp.
Cratex Mfg. Co. Inc.
Elgin National Watch Co., Abrasives Div.
Ebec Corp., The
Evans Reamer & Machine Co.
Field Abrasive Mfg. Co. Inc.
Foredom Electric Co. Inc.
Fuller Merriam Co., The
Hanson Co.
Ideal Industries Inc.
International Abrasive Corp.
Kramer Co. Inc., H. W.
Metal Removal Co., The
Micromatic Hone Corp.
Mid-West Abrasive Co.
Mohawk File & Tool Co.
Norton Co., Abrasive Div.

Pacific Grinding Wheel Co.
Peninsular Grinding Wheel Co.
Precise Products Corp.
Precision Grinding Wheel Co. Inc.
Robertson Mfg. Co.
Rogers & Co. Inc., Samuel C.
Simonds Abrasive Co.
Staple Engrg. Co. Inc.
Sterling Grinding Wheel Co.

ACCUMULATORS & BOOSTERS

Air-Hydraulics Inc.
Barnes Corp., John S.
Bethlehem Steel Co.
Carter Controls Inc.
Die-Draulic Grip Inc.
Elmes Engrg. Div., Amer. Steel Foundries
Erie Foundry Co.
Greer Hydraulics Inc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydro-Line Mfg. Co.
Jackson Fluid Power Co.
Link Engrg. Co.
Lynair Inc.
Miller Fluid Power Div., Flick-Reedy Corp.
Palley Supply Co.
Parker Hydraulics Div., Parker-Hannifin Corp.
Petch Mfg. Co.
Racine Hydraulics & Machinery Inc.
S-P Mfg. Corp., The
Sheffer Corp., The
Thompson Mfg. Co., Earl A.
Vickers Inc.
Wilton Tool Mfg. Co. Inc.

ACID ETCHING EQUIPMENT

AA Gage Co., Design Engrg. Div.
Acme Marking Equip. Co.
Acromark Co., The
Defiance Machine & Tool Co.
Preis Engraving Machine Co., H. P.

ACTUATORS, HYDRAULIC, ROTARY (see also Cylinders, Hydraulic)

Acme Industrial Co.
Actuator Products, Geartronics Corp. Div.
Bellows-Valvair, Divs. I B E C
Bristol Co., The
Carter Controls Inc.
Ex-Cell-O Corp., Greenville Plant
General Controls Co.
Houdaille Industries Inc., Buffalo Hydraulics Div.
Kearfott Div., General Precision Inc.
Palley Supply Co.
Powergrip Inc.
S-P Mfg. Corp., The
Sargent Engrg. Corp.
Steel Products Engrg. Co., Div. Kelsey-Hayes Co.
Taylor Devices Inc.
Thompson Mfg. Co., Earl A.
Vickers Inc.
Western Gear Corp.

ACTUATORS, LINEAR ELECTRIC

Actuator Products, Geartronics Corp. Div.
Airborne Accessories Corp.
Bristol Co., The
Consolidated Controls Corp.
Electro-Mation Assoc.
General Controls Co.
Kearfott Div., General Precision Inc.
Micro-Path Inc., Subsidiary
United Industrial Corp.
Palley Supply Co.
Royal Industries Inc.
Sargent Engrg. Corp.
Steel Products Engrg. Co., Div. Kelsey-Hayes Co.
Western Gear Corp.

ACTUATORS, ROTARY ELECTRIC

Actuator Products, Geartronics Corp. Div.
Airborne Accessories Corp.
Bristol Co., The
Electro-Mation Assoc.

General Controls Co.
Micro-Path Inc., Subsidiary
United Industrial Corp.
Palley Supply Co.
Sargent Engrg. Corp.
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
Western Gear Corp.

ADDITIVES, CUTTING FLUID

Anderson Oil & Chemical Co. Inc.
Beltraction Co.
Cook's Sons Inc., Adam
Diamond Tool Co.
Esso Standard Div., Humble Oil &
Refining Co.
Johnson & Son Inc., S. C.
Lilly & Co., Eli, Agricultural &
Industrial Products Div.
Lubikold Co.
Metal Lubricants Co.
Metalloid Corp.
Mobil Oil Co.
Modern Industrial Engrg. Co.
National Refining Co., Div.
Ashland Oil & Refining Co.
Oakite Products Inc.
Pate Oil Co.
Penola Oil Co.
Rust-Lick Inc.
Sanborn & Sons Inc., Henry E.
Scientific Lubricants Co.
Sincclair Refining Co.
Specialty Products Co.
Standard Oil Co. of Calif.
Western Operation Inc.
Stuart Oil Co. Ltd., D. A.
Texaco Inc.
Wallace Supplies Mfg. Co.
Wayne Chemical Products Co.
White & Bagley Co., The

ADHESIVES & CEMENTS

Amer. Metasol of Detroit
Armour Alliance Industries
Armstrong Cork Co.
Armstrong Products Co.
Cabot Inc., Samuel
Decon Corp.
Dow Corning Corp.
Fairbanks Morse & Co.
Furane Plastics Inc.
Goodrich Industrial Products, B.
F. Div. Goodrich Co., B. F.
Hughson Chemical Co., Lord Mfg.
Div.
International Abrasive Corp.
Johns-Manville Sales Corp.
Kano Labs.
Lake Chemical Co.
Lea-Mich. Inc.
Marbottle Corp., The
Minn. Mining & Mfg. Co.
Okun Co. Inc., A. L.
Ren Plastics Inc.
Rezolin Inc.
Rubber & Asbestos Corp.
Shell Chemical Corp., Div. Shell
Oil Co.
U. S. Gypsum Co.
U. S. Rubber Co.

AERATORS, COOLANT

Melard Mfg. Co.

AIR COMPRESSORS

(see Compressors, Air)

AIR CYLINDERS

(see Cylinders, Pneumatic)

AIR FILTERS

(see Dust Collection Equipment)

AIR GUNS

(see Pneumatic Devices)

AIR-HYDRAULIC COMBINATION

DEVICES (see Hydraulic-Air
Combination Devices)

AIR MOTORS

(see Motors, Air)

AIR PUMPS

(see Compressors)

AIR REGULATORS

(see Pressure Regulators, Air)

AIR TOOLS

(see Specific Type)

AIR VALVES

(see Valves, Air)

ALLOY TOOL MATERIALS

(see Cast Alloy Tool Materials)

ALLOYS, BEARING

Amer. Brass Co., The
Amer. Smelting & Refining Co.
Amer. Steel & Wire Div., U. S.
Steel Corp.
Ampco Metal Inc.
Belmont Smelting & Refining
Works Inc.
Bridgeport Brass Co.
Buckeye Brass & Mfg. Co.
Bushings Inc.
Carpenter Steel Co., The
Centrifugally Cast Products,
Shenango Furnace Co.
Chase Brass & Copper Co.
Federal-Mogul Div., Federal-
Mogul-Bower Bearings Inc.
Firth Sterling Inc.
Haynes Steelite Co., Div. Union
Carbide Corp.
Johnson Bronze Co.
Latrobe Steel Co.
Meier Brass & Aluminum Co.
Metallurgical Products Dept.,
General Electric Co.
Mueller Brass Co.
Renewal Service Inc.
Republic Steel Corp.
Revere Copper & Brass Inc.
Ryerson & Son Inc., Joseph T.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.

ALLOYS, BRAZING

Air Reduction Sales Co.
All-State Welding Alloys Co. Inc.
Amer. Brass Co., The
Ampco Metal Inc.
Belmont Smelting & Refining
Works
Bridgeport Brass Co.
Engelhard Industries Inc.
Eutectic Welding Alloys Corp.
Handy & Harman
International Nickel Co.
Mallory & Co. Inc., P. R.
Marquette Mfg. Co. Inc.
Metallurgical Products Dept.,
General Electric Co.
Mueller Brass Co.
Revere Copper & Brass Inc.
Ultra Hard Metals Inc.
Vanadium-Alloys Steel Co.
Wall-Colmonoy Corp.

ALLOYS, LOW MELTING POINT

Amer. Brass Co., The
Amer. Smelting & Refining Co.
Amer. Steel & Wire Div., U. S.
Steel Corp.
Belmont Smelting & Refining
Works Inc.
Bridgeport Brass Co.
Cerro De Pasco Sales Corp.
Eutectic Welding Alloys Corp.
Marquette Mfg. Co. Inc.

ALUMINUM

Aluminum Co. of Amer.
Amer. Smelting & Refining Co.
Belmont Smelting & Refining
Works Inc.
Bridgeport Brass Co.
Bushings Inc.
Chase Brass & Copper Co.
Kaiser Aluminum & Chemical
Sales Inc.
Navan Products Inc.
Pioneer Aluminum Inc.
Renewal Service Inc.
Revere Copper & Brass Inc.
Reynolds Metals Co.
Ryerson & Son Inc., Joseph T.

ALUMINUM TOOL PLATE

(see Tooling Plate, Aluminum)

ANGLE PLATES

Accurite Surface Plate Co.
Acme Tool Corp.
Acorn Iron & Supply Co.

Bush Co., J. C.
Carr Lane Mfg. Co.
Challenge Machinery Co., The
Chicago Tool & Engrg. Co.
Cleveland Universal Jig Co., The
Collins Microflat Co.
Davis Div., Giddings & Lewis
Machine Tool Co.
DeVlieg Machine Co.
Dunham Tool Co. Inc., The
Elkro Co., The
Giddings & Lewis Machine Tool
Co.
Goodman Mfg. Co., Industrial
Mfg. Div.
H B Tools
Ill. Metal Products
Inspection Devices Co. Inc. Div.
Corco Tool Co.
Johnson Gas Appliance Co.
Kasenit Co.
Lassy Tool Co.
Lawley Granite Surface Plate
Co. Inc.
Lindberg Engrg. Co.
M. B. I. Export & Import Ltd.
Machine Products Corp.
Magic City Machine & Tool Co.
Mahr Gage Co. Inc.
Montgomery & Co. Inc.
Mutual Machine Co. Inc.
Portage Machine Co.
Pratt & Whitney Co. Inc.
Rahn Granite Surface Plate Co.
Rouse & Co., H. B.
Sid Tool Co. Inc.
Standard Parts Co.
Stone Co., The Herman
Taft-Peirce Mfg. Co., The
Universal Vise & Tool Co.
Wesson Co.

ANNEALING FURNACES

(see Furnaces, Heat Treating)

ANODIZING AND PLATING

EQUIPMENT (see Plating and
Anodizing Equipment)

ANTIFRICTION BEARING TYPE

BUSHINGS (see Bushings,
Antifricition, Mounted)

ANTIFRICTION BEARINGS,

MOUNTED (See Bearings,
Antifricition, Mounted)

ARBOR PRESSES

(see Presses, Arbor)

ARBOR SPACERS (See Spacers,

Arbor)

ARBORS (see also Mandrels)

AA Gage Co., Design Engrg. Div.
A & C Engrg. Co.
Acromatic Tool Co.
Apex Tool & Cutter Co. Inc.
Arrow Tool & Reamer Co.
B. S. A. Tools Ltd.
Beaver Tool & Engrg. Corp.
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Bultool Co., The
Chi-Co Inc.
Chicago-Latrobe
Cincinnati Milling & Grinding
Machines Inc.
City Tool Corp.
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Davis Div., Giddings & Lewis
Machine Tool Co.
Dekalb Precision Industries
DoAll Co., The
Dunham Tool Co. Inc., The
F & D Tool Co. Inc.
Falcon Tool Co. (Kwiklok)
Falcon Tool Co.
Glenbard Tool Mfrs. Inc.
Hutchins Co., Roy A.
Jacobs Mfg. Co., The
Lehmann-Fulton Boring Tool
Div. Fulton Iron Works
Lovejoy Tool Co. Inc.
Mich. Machine & Broach Co.
Montgomery & Co. Inc.
Mooradian Mfg. Co.

Morse Twist Drill & Machine Co.,
Div. Van Norman Industries
Inc.
O. K. Tool Co. Inc., The
Overton Gear & Tool Corp.
Rite-O-Tool & Gage Co.
S-P Mfg. Corp., The
Scully-Jones & Co.
Sheffer Collet Co.
Sid Tool Co. Inc.
Sierra Machine Co.
Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Standard Tool Co.
Unidapt Co.
Wesson Co.
Woodworth Co., N. A.

ARBORS, COLLET

A & C Engrg. Co. Inc.
Buckeye Tools Corp.
Butterfield Div., Union Twist
Drill Co.
Chi-Co Inc.
Cincinnati Milling & Grinding
Machines Inc.
Dunham Tool Co. Inc., The
Hjorth Lathe & Tool Co.
Montgomery & Co. Inc.
Rite-O-Tool & Gage Co.
S-P Mfg. Corp., The
Sid Tool Co. Inc.
Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Sutton Tool Co.
Woodworth, N. A. Co.

ARBORS, MILLING MACHINE

A & C Engrg. Co. Inc.
Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Atlantic Machine & Mfg., Co.
B. S. A. Tools Ltd.
Barker Engrg. Co., Div.
Hohlfelder Co.
Beaver Tool & Engrg. Corp.
Benchmark Mfg. Co.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Bultool Co., The
Butterfield Div., Union Twist
Drill Co.
Carney-Stansfield Co.
Chi-Co Inc.
Cincinnati Milling & Grinding
Machines Inc.
Cleveland Cutter & Reamer Co.
Davis Div., Giddings & Lewis
Machine Tool Co.
Donley Products Inc.
Falcon Tool Co. (Kwiklok)
Gairing Tool Co.
Hyper Tool Co.
J & S Tool Co. Inc.
Kearney & Trecker Corp.
Kempamith Machine Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Lovejoy Tool Co. Inc.
Marquette Mfg. Co. Inc.
McCroskey Tool Corp.
Montgomery & Co. Inc.
Neico Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
O. K. Tool Co. Inc., The
Pratt & Whitney Co. Inc.
Reltool Corp.
Rite-O-Tool & Gage Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Sierra Machine Co.
Sutton Tool Co.
Union Twist Drill Co.
U S Burke Machine Tool, The,
Div. Cincinnati Mfg. Co.
Universal Engrg. Co.
Van Norman Machine Co., Div.
Van Norman Industries Inc.
Weddell Tools Inc.
Weldon Tool Co., The
Wesson Co.

ARC CUTTING EQUIPMENT

(see Cutting Equipment, Arc)

ARC WELDERS (see Welding

Machines, Electric Arc)

PRODUCTS

ASSEMBLY MACHINES, SPECIAL

Agnew Machine Co.
Air-Hydraulics Inc.
Ames Spot Welder Co. Inc.
Apex Broach Co. Inc.
Arrowsmith Tool & Die Corp.
Barnes Corp., John S.
Barth Corp., The
Benerson Corp.
Black & Webster Inc.
Bodine Corp., The
Bristol Co., The
Burklyn Co.
Campbell Machines Co.
Carbide Tools Inc.
Cimco Engrg. Co.
City Tool Corp.
Clair Mfg. Co. Inc.
Colonial Broach & Machine Co.
Coss Co., The
Defiance Machine & Tool Co.
DeKalb Precision Industries
Detroit Power Screwdriver Co.
Dixon Automatic Tool Inc.
Electro-Mation Assoc.
Emhart Mfg. Co., Hudson Div.
Erinac Equip. Corp.
Falcon Machine & Tool Co. Inc.
Federal Machine Co. Inc.
Ferguson Machine Corp.
Finch Engrg. Co. Inc.
Fischer Die & Stamping Co.
Gardner-Denver Co.
Gear-O-Mation Div., Mich. Tool Co.
General Mfg. & Engrg. Co.
Gray Equip. Co.
Hanover Tool Co. Inc.
High Speed Hammer Co. Inc., The
Hill Machine Co.
Holmberg Co. Inc., August W.
Industrial Metal Products Corp.
Ingersoll-Rand Co.
Inter-Lakes Engrg. Co.
KDI Corp.
Kenhos Corp. Div.
Lamb Co., Joseph F.
Liberty Tool & Die Corp.
Merz Engrg. Inc.
Motch & Merryweather Machinery Co., The
Oberg Mfg. Co. Inc.
Payne Tool & Engrg. Co., The
Port Huron Machine Products Co.
Precision Detroit Co.
RCA Industrial & Machine Tool Operations
Ready Machine Tool & Die Co. Inc.
Redin Production Machine Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Service Machine Co.
Sheffield Corp., Subsidiary Bendix Aviation Corp.
Standard Tool & Mfg. Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Swanson-Erie Corp.
Swift Ohio Corp.
Sylvania Lighting Products, Equip. Development Plant
Taft-Peirce Mfg. Co., The
Thompson Mfg. Co., Earl A.
Thomson Mfg. Co., Judson L.
Tubular Rivet & Stud Co.
Turner Bros. Inc.
U S I Robodine, Div. U.S. Industries Inc.
Universal Instrument Corp.
Wilson Automation Co.

ASSEMBLY PRESSES (see Presses)

AUTOMATIC SCREW MACHINES (see Screw Machines, Automatic)

AUTOMATION EQUIPMENT (see Specific Type)

BALANCERS AND REELS, TOOL SUSPENSION (see Reels and Balancers, Tool Suspension)

BALANCES

Chicago Pneumatic Tool Co.

Dieterl Co., Harry W.
E F I C Inc.
Exact Weight Scale Co., The
Millers Falls Co.
Torsion Balance Co., The

BALANCING MACHINES, DYNAMIC

Alemite Div., Stewart-Warner Corp.
Annis Co., R. B.
Baldwin-Lima-Hamilton Corp.
Bear Mfg. Co.
Cosa Corp.
Decker Corp., The
Dura Corp.
Electro-Mation Assoc.
Erinac Equip. Corp.
Evans Reamer & Machine Co.
Gisholt Machine Co.
International Research & Development Corp.
Orban Co. Inc., Kurt
Tinius Olsen Testing Machine Co.
Westinghouse Electric Corp.

BALANCING MACHINES, STATIC

Alina Corp.
Anderson Bros. Mfg. Co.
Annis Co., R. B.
Cosa Corp.
Dura Corp.
Erinac Equip. Corp.
Evans Reamer & Machine Co.
Gelber & Sons Inc., S.
Gisholt Machine Co.
International Research & Development Corp.
Merz Engrg. Inc.
Micro-Pulse Engrg. & Sales Co.
Orban Co. Inc., Kurt
Pittsford Machine Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Taylor Dynamometer & Machine Co.
Tinius Olsen Testing Machine Co.

BALL CRANKS

Acme-Danneman Co. Inc.
Balcrank Inc., Machine Tool Div.
Carr Lane Mfg. Co.
Jergens Tool Specialty Co.
Lodding Inc.
Machine & Tool Accessories Co.
Siewek Tool Co.
Tomco Inc.

BALL MAKING MACHINES

Columbia International Corp.
Hill Acme Co., The
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.

BALLIZING TOOLS

Acme Broach Corp.
French Enterprises
Industrial Tectonics Inc.

BALLS, BURNISHING

Abbott Ball Co., The
Almco Queen Products, Div.
King-Seeley Corp.
Casalbi Co.
Del's Tumbling Service
Grav-I-Flo Corp., The
Industrial Tectonics Inc.
Kramer Co. Inc., H. W.
Lord Chemical Corp., Subsidiary Wheelabrator Corp.
Mecha-Finish Corp.
Speed-D-Burr Corp.
Swiss Precision Tool Co.

BALLS, CARBIDE

Adamas Carbide Corp.
Crafts Co. Inc., Arthur A.
Firth Sterling Inc.
Industrial Tectonics Inc.
Kennametal Inc.
Metallurgical Products Dept.
General Electric Co.
Mohawk File & Tool Co.
Precision Carbide Co.
Sandvik Steel Inc.
Shwayder Chemical Metallurgy Corp.

Swiss Precision Tool Co.
Valenite Metals Div., The Valer-on Corp.
Vascoloy-Ramet Corp.
Walnet Corp.
Willey's Carbide Tool Co.

BALLS, CERAMIC

Industrial Tectonics Inc.
Metallurgical Products Dept.
General Electric Co.
Norton Co., Refractories Div.

BALLS, SINTERED SAPPHIRE

Industrial Tectonics Inc.

BALLS, SPECIAL ALLOY

Industrial Tectonics Inc.
New Departure Div., General Motors Corp.

BALLS, PLASTIC

Industrial Tectonics Inc.

BALLS, STEEL

Abbott Ball Co., The
Crucible Steel Co. of Amer.
Federal Bearings Co. Inc., The
Hoover Ball & Bearing Co.
Industrial Tectonics Inc.
King Tester Corp.
Lodding Inc.
Monroe Engrg. Products Inc.
New Departure Div., General Motors Corp.
Orban Co. Inc., Kurt
PIC Design Corp.
Reid Tool Supply Co.
Roto-Finish Co.
SKF Industries Inc.
Siewek Tool Co.
Speed-D-Burr Corp.
Tomco Inc.
U. S. Steel Corp.
Van Keuren Co., The

BALLS, TOOLING

AA Gage Co., Design Engrg. Div.
Carr Lane Mfg. Co.
Industrial Tectonics Inc.
Polymer Corp., The
Precision Carbide Co.
Reil-A-Chek Corp.
Swiss Precision Tool Co.
Tietzmann Tool Corp.
Universal Engrg. Co.

BAND SAWS

(See Cutoff Machines, Band Saw)

BAR FEEDS (see Gages, Bar)

BAR GAGES (See Gages, Bar)

BARREL FINISHING MACHINES

Almco Queen Products, Div.
King-Seeley Corp.
B.M.T. Mfg. Co.
Baird Machine Co., The
Carborundum Co., The
Casalbi Co.
Del's Tumbling Service
Elliott Mfg. Co. Inc., B. W.
Esbec Corp., The
Grav-I-Flo Corp., The
Kramer Co. Inc., H. W.
Lord Chemical Corp., Subsidiary Wheelabrator Corp.
M-F Equip. Co.
Mecha-Finish Corp.
Mido Products
Minn. Mining & Mfg. Co.
Pangborn Corp.
Rampe Mfg. Co.
Rogers Mfg. Co., Dayton
Roto-Finish Co.
Speed-D-Burr Corp.
Tumb-L-Matic Inc.
Vapor Blast Mfg. Co.

BARREL FINISHING MEDIA

Abbott Ball Co., The
Almco Queen Products, Div.
King-Seeley Corp.
B.M.T. Mfg. Co.
Barton Mines Corp.

Brightboy Industrial Div., Weldon Roberts Rubber Co.
Carborundum Co., The
Casalbi Co.
Del's Tumbling Service
Esbec Corp., The
Exolon Co., The
Globe Steel Abrasive Co., The
Grav-I-Flo Corp., The
Kramer Co. Inc., H. W.
Lord Chemical Corp., Subsidiary Wheelabrator Corp.
Mecha-Finish Corp.
Minn. Mining & Mfg. Co.
Norton Co., Abrasive Div.
Pangborn Corp.
Roto-Finish Co.
Simonds Abrasive Co.
Specialty Products Co.
Speed-D-Burr Corp.
Tumb-L-Matic Inc.

BARs, BORING (see Boring Bars)

BASES, FEED

Agnew Machine Co.
Detroit Flame Hardening Co.
J & S Tool Co. Inc.

BASES & WAYS, MACHINE

Agnew Machine Co.
Benerson Corp.
Bethlehem Steel Co.
Challenge Machinery Co., The
Detroit Flame Hardening Co.
Federal Machine & Welder Co.
Gilman Inc., R. T.
Hause Machines Inc.
Inter-Lakes Engrg. Co.
Kirk & Blum Mfg. Co., The
Lake Shore Inc.
Lamb Co., F. Joseph
Littleford Brothers Inc.
Mahon Co., The R. C.
Ohio Knife Co., The
Onsrud Machine Works Inc.
Special Machine & Engrg. Inc.
Wapakoneta Machine Co. Inc.

BEADING MACHINES

Amer. Fullmax Co. Inc.
Cosa Corp.
Maplewood Div., Rockford Machine Tool Co.
Niagara Machine & Tool Works
Pandjiris Weldment Co.
Ryerson & Son Inc., Joseph T.
Vall Engrg. Co., The
Waterbury Farrel Foundry & Machine Co., The, Div. Textron Inc.
Yoder Co., The

BEADING TOOLS

Brown Boggs Foundry & Machine Co. Ltd.
Carbide Tools Inc.
Holmberg Co. Inc., August W.
Niagara Machine & Tool Works
Parker Fittings & Hose Div., Parker-Hannifin Corp.

BEARING ALLOYS (see Alloys, Bearing)

BEARING PILLOW BLOCKS & CARTRIDGES

Boston Gear Works
Chain Belt Co.
Dodge Mfg. Corp.
Fafnir Bearing Co., The
Federal Bearings Co. Inc., The
Hewlett-Robins
Link-Belt Co.
Marlin-Rockwell Corp.
Moorsdian Mfg. Co.
New Departure Div. General Motors Corp.
Renewal Service Inc.
Southwest Products Co.
Torrington Co., The
Wood's Sons Co., T. B.

BEARING RACES, BALL

Sargent Engrg. Corp.

BEARINGS ANTIFRICTION

Ann Arbor Bearing & Mfg. Co.
Boston Gear Works

Brinley Mfg. Co.
Bushings Inc.
Chain Belt Co.
Die Supply Div., E. W. Bliss Co.
Dodge Mfg. Corp.
Fafnir Bearing Co., The
Federal Bearings Co. Inc., The
Frauenthal Div., The Kaydon
Engrg. Corp.
Freeway Washer & Stamping Co.
Gwilliam Co., The
Hyatt Bearings Div., General
Motors Corp.
Industrial Tectonics Inc.
L & S Bearing Co.
Link-Belt Co.
Lipe-Rollway Corp.
Marlin-Rockwell Corp.
McGill Mfg. Co. Inc.
Nice Ball Bearing Co., Div.
Channing Corp.
Norma-Hoffmann Bearings Corp.
Orange Roller Bearing Co.
Palley Supply Co.
Polymer Corp., The
Renewal Service Inc.
Roller Bearing Co. of Amer.
Rollway Bearing Co. Inc.
SKF Industries Inc.
Thomson Industries Inc.
Torrington Co., The
Wood's Sons Co., T. B.

BEARING, BABBIT

Bushings Inc.
Chain Belt Co.
Dodge Mfg. Corp.
Federal-Mogul Div., Federal-
Mogul-Bower Bearings Inc.
Hewitt-Robins Inc.
Johnson Bronze Co.
Link-Belt Co.
Renewal Service Inc.
Ryerson & Son Inc., Joseph T.
Wood's Sons Co., T. B.

BEARINGS, BALL

Aetna Ball & Roller Bearing,
Div. Parkersburg-Aetna Corp.
Ann Arbor Bearing & Mfg. Co.
Barden Corp., The
Boston Gear Works
Dodge Mfg. Corp.
Fafnir Bearing Co., The
Federal Bearings Co. Inc., The
Frauenthal Div., The Kaydon
Engrg. Corp.
Freeway Washer & Stamping Co.
Gwilliam Co., The
Industrial Tectonics Inc.
L & S Bearing Co.
Link-Belt Co.
Marlin-Rockwell Corp.
McGill Mfg. Co. Inc.
Nice Ball Bearing Co., Div.
Channing Corp.
Norma-Hoffmann Bearings Corp.
PIC Design Corp.
Palley Supply Co.
SKF Industries Inc.
Torrington Co., The
Wood's Sons Co., T. B.

BEARINGS, BRONZE

Amer. Crucible Products Co.,
The
Ampeco Metal Inc.
Ann Arbor Bearing & Mfg. Co.
Boston Gear Works
Bound Brook Oil-Less Bearing
Co.
Buckeye Brass & Mfg. Co.
Bunting Brass & Bronze Co., The
Bushings Inc.
Centrifugally Cast Products Div.,
The Shenango Furnace Co.
Dodge Mfg. Corp.
Federal-Mogul Div., Federal-
Mogul-Bower Bearings Inc.
Industrial Tectonics Inc.
Janney Cylinder Co.
Johnson Bronze Co.
Link-Belt Co.
Moccasin Supply Co.
Palley Supply Co.
Renewal Service Inc.
Southwest Products
Wood's Sons Co., T. B.

BEARINGS, NEEDLE

Ann Arbor Bearing & Mfg. Co.

Donley Products Inc., Jergens
Div.
Frauenthal Div., The Kaydon
Engrg. Corp.
Industrial Tectonics Inc.
McGill Mfg. Co. Inc.
Orange Roller Bearing Co.
Palley Supply Co.
Roller Bearing Co. of Amer.
Rollway Bearing Co. Inc.
Torrington Co., The

BEARINGS, NYLON

Bushings Inc.
Frauenthal Div., The Kaydon
Engrg. Corp.
Freeway Washer & Stamping
Co.
Industrial Tectonics Inc.
Polymer Corp., The
Ramppe Mfg. Co.
Renewal Service Inc.
Thomson Industries Inc.

BEARINGS, OILESS

Boston Gear Works
Bound Brook Oil-Less Bearing
Co.
Bunting Brass & Bronze Co., The
Bushings Inc.
Crane Packing Co.
Dodge Mfg. Corp.
Garlock Packing Co., The
Johnson Bronze Co.
PIC Design Corp.
Renewal Service Inc.
Southwest Products Co.
Spaulding Fibre Co. Inc.
Thomson Industries Inc.

BEARINGS, PLAIN MOUNTED

Ann Arbor Bearing & Mfg. Co.
Bushings Inc.
Chain Belt Co.
Link-Belt Co.
Renewal Service Inc.
Southwest Products Co.
Wood's Sons Co., T. B.

BEARINGS, PLAIN, UNMOUNTED

Bunting Brass & Bronze Co., The
Bushings Inc.
Freeway Washer & Stamping Co.
Johnson Bronze Co.
Link-Belt Co.
PIC Design Corp.
Renewal Service Inc.
Southwest Products Co.
Wood's Sons Co., T. B.

BEARINGS, ROLLER

Aetna Ball & Roller Bearing,
Div. Parkersburg-Aetna Corp.
Ann Arbor Bearing & Mfg. Co.
Chain Belt Co.
Dodge Mfg. Corp.
Donley Products Inc., Jergens
Div.
Frauenthal Div., The Kaydon
Engrg. Corp.
Gwilliam Co., The
Hyatt Bearings Div., General
Motors Corp.
Industrial Tectonics Inc.
L & S Bearing Co.
Link-Belt Co.
Lipe-Rollway Corp.
Marlin-Rockwell Corp.
McGill Mfg. Co. Inc.
Norma-Hoffmann Bearings Corp.
Orange Roller Bearing Co.
Palley Supply Co.
Roller Bearing Co. of Amer.
Rollway Bearing Co. Inc.
SKF Industries Inc.
Timken Roller Bearing Co.
Torrington Co., The
Tyson Bearing Co., Div. SKF
Industries Inc.

BEARINGS, SELF-LUBRICATING

Aetna Ball & Roller Bearing,
Div. Parkersburg-Aetna Corp.
Boston Gear Works
Bound Brook Oil-Less Bearing
Co.
Bunting Brass & Bronze Co., The
Bushings Inc.
Crane Packing Co.

Dodge Mfg. Corp.
Haller Inc.
Johnson Bronze Co.
Link-Belt Co.
PIC Design Corp.
Polymer Corp., The
Ramppe Mfg. Co.
Renewal Service Inc.
Southwest Products Co.
Thomson Industries Inc.

BELTING, LEATHER

Chicago Rawhide Mfg. Co.
Couse & Bolton Co.
Extremultus Inc.
Houghton & Co., E. F.
Rhoads & Sons, J. E.

BELTING, RUBBER

Couse & Bolton Co.
Gates Rubber Co., The
Goodrich Industrial Products,
B. F., Div. B. F. Goodrich Co.
Hewitt-Robins Inc.
Manheim Mfg. & Belting Co.
Maurey Mfg. Corp.
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.
Thermoid Div., H. K. Porter Co.
Inc.
Thor Power Tool Co.
Tressler Engrg. Products Div.
Wood's Sons Co., T. B.

BELTS, CONVEYOR

Amer. Steel & Wire Div., U.S.
Steel Corp.
Couse & Bolton Co.
Goodrich Industrial Products, B.
F., Div. B. F. Goodrich Co.
Hewitt-Robins Inc.
Link-Belt Co.
Main & Sons Inc., Robert A.
Manheim Mfg. & Belting Co.
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.
Thor Power Tool Co.
Tressler Engrg. Products Div.
Union Steel Products Co.,
Materials Handling Div.
U. S. Steel Corp.

BELTS, POWER

TRANSMISSION
(See also V-Belts)
Couse & Bolton Co.
Dodge Mfg. Corp.
Extremultus Inc.
Gates Rubber Co., The
Gerbing Mfg. Corp.
Goodrich Industrial Products, B.
F., Div. B. F. Goodrich Co.
Hewitt-Robins Inc.
Link-Belt Co.
Love Brothers-Pyott
Manheim Mfg. & Belting Co.
Maurey Mfg. Corp.
Morse Chain Co.
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.
Rhoads & Sons, J. E.
Thermoid Div., H. K. Porter
Co. Inc.
Thor Power Tool Co.
Tressler Engrg. Products Div.
Wood's Sons Co., T. B.

BENCH CENTERS (see Centers, Bench)

BENCH PLATES, (see Plates, Bench)

BENCH VISES (see Vises, Bench)

BENDERS, BAR, TUBE, CHANNEL

Buffalo Forge Co.
Curvit Div., MacIodyne Corp.
Excelsior Tool & Machine Co.
Girard Assoc.
Hosfeld Mfg. Co.
Kling Brothers Engrg. Works
Lapointe Machine Co.
Lewthwaite Machine Co., T. H.
O'Neill-Irwin Mfg. Co.
Pines Engrg. Co. Inc.
Richards Co., J. A.

Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Taylor-Winfield Corp.
Thomas Machine Mfg. Co.
Wallace Supplies Mfg. Co.
Ward Machinery Co.
Whitney Mfg. Co., W. A.
Wielands Inc.
Williams White & Co.

BENDING BRAKES (see Brakes, Press)

BENDING MACHINES, MANUAL

Acorn Iron & Supply Co.
Barer Engrg. & Machinery Co.
Ltd.
Berkroy Products Co.
Brown Boggs Foundry &
Machine Co. Ltd.
Curvit Div., MacIodyne Corp.
Excelsior Tool & Machine Co.
Hosfeld Mfg. Co.
Lapointe Machine Co.
Lewthwaite Machine Co., T. H.
O'Neill-Irwin Mfg. Co.
Peck, Stow & Wilcox Co., The
Richards Co., J. A.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Stueck Inc., W. Whitney
Testing Machines Inc.
Vemaline Products Co.
Wallace Supplies Mfg. Co.
Ward Machinery Co.
Whitney Metal Tool Co.
Wielands Inc.

BENDING MACHINES, RAM TYPE

Barer Engrg. & Machinery Co.
Ltd.
Bath Co., The Cyril
Bentley Industrial Corp.
Chambersburg Engrg. Co.
Clearing Div., U. S. Industries
Inc.
Cleveland Punch & Shear Works
Co., The
Cosa Corp.
Curvit Div., MacIodyne Corp.
General Mfg. & Engrg. Co.
Girard Assoc.
Kling Brothers Engrg. Works
Lapointe Machine Co.
Oliver Corp., The, A. B.
Farquhar Div.
Richards Co., J. A.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Taylor-Winfield Corp.
Thomas Machine Mfg. Co.
Vemaline Products Co.
Wallace Supplies Mfg. Co.
Whitney Metal Tool Co.
Whitney Mfg. Co., W. A.
Williams White & Co.
Wood Co., R. D.

BENDING MACHINES, ROLL TYPE

Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co.
Ltd.
Brown Boggs Foundry &
Machine Co. Ltd.
Buffalo Forge Co.
Curvit Div., MacIodyne Corp.
Excelsior Tool & Machine Co.
Girard Assoc.
Hendley & Whittemore Co.
Kane & Roach Inc.
Kling Brothers Engrg. Works
Lapointe Machine Co.
McKay Machine Co., The
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Peck, Stow & Wilcox Co., The
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Taylor-Winfield Corp.
Thomas Machine Mfg. Co.
Tishken Products Co.
Vemaline Products Co.
Wallace Supplies Mfg. Co.
Ward Machinery Co.
Webb Corp., The
Wyong & Miles Co.

PRODUCTS

BENDING MACHINES, ROTARY HEAD

Girard Assoc.
O'Neil-Irwin Mfg. Co.
Pines Engrg. Co. Inc.
Richard Co., J. A.
S & S Machinery Co.
Taylor-Winfield Corp.
Vemaline Products Co.
Wallace Supplies Mfg. Co.
Williams White & Co.

BENDING TOOLS

Acorn Iron & Supply Co.
Continental Machine Co.
Curvitt Div., MacIodyne Corp.
Hanover Tool Co. Inc.
Hy-Du-Lignum Co.
Lewthwaite Machine Co., T. H.
Pacific Industrial Mfg. Co.
Pines Engrg. Co. Inc.
Vemaline Products Co.
Wallace Supplies Mfg. Co.
Ward Machinery Co.

BERYLLIUM

Beryllium Corp., The

BETA-RAY THICKNESS GAGES (see Gages, Radioactive Isotopes)

BIMETALS

Federal-Mogul Div., Federal-Mogul-Bower Bearings Inc.

BITS, SCREWDRIVER

Armstrong Bros. Tool Co.
Chicago Pneumatic Tool Co.
Continental Screw Co.
Detroit Power Screwdriver Co.
Hy-Pro Tool Co.
Jaw Mfg. Co.
Magna Driver Corp.
Millers Falls Co.
Skill Corp.
Snap-on Tools Corp.
Supreme Products Corp.
Thor Power Tool Co.
Williams & Co., J. H.

BITS, SOLID CARBIDE

Adams Carbide Corp.
Allegheny Ludlum Steel Corp.
Amer. Cutter & Engrg. Corp.
Atrax Co., The
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brunner & Lay Inc.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Champion Tool Co.
Cleveland Twist Drill Co., The
Crafts Co. Inc., Arthur A.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div., DeVlieg Machine Co.
DoAll Co., The
Eastern Tool Co. Inc.
Evered Tool Co.
Ex-Cell-O Corp., Detroit
Firth Sterling Inc.
Heald Machine Co., The
Kennametal Inc.
Lehmann-Fulton Boring Tool Co., Div. Fulton Iron Works
Marcoloy Inc.
Maxwell Industries Inc.
Metallurgical Products Dept.
General Electric Co.
Mohawk File & Tool Co.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Newcomer Products Inc.
North Amer. Products Corp.
Rotary Tool Co.
Sandvik Steel Inc.
Sid Tool Co. Inc.
Spe-D-Cut Tool Co.
Super Tool Co., Div. Van Norman Industries Inc.
Time Saver Tools Inc.
Ultra Hard Metals Inc.
Unimet Carbides Div.
United-Greenfield Corp.
U. S. Carbide Tool Inc.

Valent Metals Div., The
Valeron Corp.
Vascoloy-Ramet Corp.
Viking Tool Co. Inc., The
Walmet Corp.
Weddell Tools Inc.
Wendt-Solis Co.
Wesson Co.
Willey's Carbide Tool Co.

BITS, TOOL STEEL

Acme Tool Corp.
Allegheny Ludlum Steel Corp.
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
Armstrong Bros. Tool Co.
B & W Precision Products Co.
Bealy-Welles Corp., Cutting Tools & Gages
Bethlehem Steel Co.
Braeburn Alloy Steel Corp.
Brubaker Tool Corp.
Carbide Tools Inc.
Carpenter Steel Co., The
Chicago-Latrobe
Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
Columbia Tool Steel Co.
Crobalt Inc.
Crucible Steel Co. of Amer.
Darwin & Milner Inc.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div., DeVlieg Machine Co.
DoAll Co., The
Dumont Corp., The
Evered Tool Co.
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Firth Sterling Inc.
Globe Tools
Gorham Tool Co.
Heald Machine Co., The
Hyper Tool Co.
Ill. Tool Works, Machine & Instrument Div.
Jensop Steel Co.
Latrobe Steel Co.
Lehmann-Fulton Boring Tool Co., Div. Fulton Iron Works
Lund Mfg. Co.
Malcus Tools Corp.
Marcoloy Inc.
Maxwell Industries Inc.
Mohawk File & Tool Co.
National Tool Co.
O.K. Tool Co. Inc., The
Pittsburgh Tool Steel Wire Div., Vanadium-Alloys Steel Co.
Flew Tool Corp.
Porter Co. Inc., H. K., Vulcan
Kidd Steel Div.
Sid Tool Co. Inc.
Thredwell Tap & Die Co.
Uddelholm Co. of Amer. Inc.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.
Whitman & Barnes
Williams & Co., J. H.
Ziv Steel & Wire Co.

BLADES, CUTOFF

A.I.T. Diamond Tool Co.
Allison-Campbell Div., Amer.
Chain & Cable Co., Inc.
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
Amer. Emery Wheel Works
Armstrong-Blum Mfg. Co.
Armstrong Bros. Tool Co.
Atkins Saw Div., Borg-Warner Corp.
B.S.A. Tools Ltd.
B & W Precision Products Co.
Bay State Abrasive Products Co.
Bernell Tool Co. Inc.
Bealy-Welles Corp., Cutting Tools & Gages
Black & Decker Mfg. Co., The
Bokum Tool Co. Inc.
Braeburn Alloy Steel Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brubaker Tool Corp.
Carbide Tools Co.
Carbide Tools Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Columbia Tool Steel Co.
Crafts Co. Inc., Arthur A.

Criterion Machine Works
Crobalt Inc.
Dayton Carbide Tool Co. Inc.
Deluxe Saw & Tool Co.
Dewalt Div., Amer. Machine & Foundry Co.
Diston Div., H. K. Porter Co. Inc.
DoAll Co., The
Eastern Tool Co. Inc.
Felker Mfg. Co.
Forrest Mfg. Co. Inc.
General Machine Co. Inc.
George Machinery, James W.
Gorham Tool Co.
Heinemann Saw Corp.
Hoe & Co. Inc., R.
Hunt's Grinding & Mfg. Co.
Hyper Tool Co.
Klingelhoefer Machine Tool Corp., Albert
Latrobe Steel Co.
Lemmon & Snoap Co.
Lewthwaite Machine Co., T. H.
Lund Mfg. Co.
Millers Falls Co.
National Tool Co.
Newcomer Products Inc.
Norton Co., The, Abrasive Div.
Ohio Knife Co., The
Plew Tool Corp.
Pratt & Whitney Co. Inc.
Reltool Corp.
Sid Tool Co. Inc.
Simonds Abrasive Co.
Simonds Saw & Steel Co.
Skill Corp.
Soma Tool Co. Inc.
Tressler Engrg. Products Div.
Vascoloy-Ramet Corp.
Victor Inc.
Wesson Co.
Willey's Carbide Tool Co.
Williams & Co., J. H.

BLADES, SAW, BAND

Amer. Saw & Mfg. Co.
Armstrong-Blum Mfg. Co.
Atkins Saw Div., Borg-Warner Corp.
Atlantic Saw Mfg. Co. Inc.
Barnes Co. Inc., W. O.
Boice-Crane Co.
Capwell Mfg. Co., The
Clemson Brothers Inc.
Diamond Saw Works Inc.
Diston Div., H. K. Porter Co. Inc.
DoAll Co., The
Heinemann Saw Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hoe & Co. Inc., R.
Industrial Tool Service
Kalamazoo Tank & Silo Co., Machine Tool Div.
Malcus Tools Corp.
Millers Falls Co.
Mohawk File & Tool Co.
Nicholson File Co.
Ryerson & Son Inc., Joseph T.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Starrett Co., The L. S.
Thompson & Son, Henry G.
Wells & Sons, W. F.

BLADES, SAW, CARBIDE-TIPPED

Amer. Cutter & Engrg. Corp.
Atkins Saw Div., Borg-Warner Corp.
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Chicago Pneumatic Tool Co.
Circular Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Dayton Carbide Tool Co. Inc.
Deluxe Saw & Tool Co.
Deluxe Service Tool Corp.
DeWalt Div., Amer. Machinery & Foundry Co.
Diston Div., H. K. Porter Co. Inc.
DoAll Co., The
Felker Mfg. Co.
Forrest Mfg. Co. Inc.

Gay-Lee Co.
Gorham Tool Co.
Heinemann Saw Corp.
Hoe & Co. Inc., R.
Lemmon & Snoap Co.
Marcoloy Inc.
Martindale Electric Co.
Metallurgical Products Dept., General Electric Co.
Meyers Co., W. F.
Millers Falls Co.
Mott & Merryweather Machinery Co., The
National Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
North Amer. Products Corp.
Shwayder Chemical Metallurgy Corp.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Skill Corp.
Union Twist Drill Co.
Victory Carbide Saw & Tool Co. Inc.
Walmet Corp.

BLADES, SAW, CIRCULAR

Amer. Cutter & Engrg. Corp.
Atkins Saw Div., Borg-Warner Corp.
Black & Decker Mfg. Co., The
Boice-Crane Co.
Carbide Tools Inc.
Chicago Pneumatic Tool Co.
Circular Tool Co. Inc.
Coastal Abrasive & Tool Co. Inc.
Delta Power Tool Div., Rockwell Mfg. Co.
Deluxe Service Tool Corp.
DeWalt Div., Amer. Machine & Foundry Co.
Diston Div., H. K. Porter Co. Inc.
DoAll Co., The
F & D Tool Co. Inc.
Gay-Lee Co.
George Machinery, James W.
Gorham Tool Co.
Heinemann Saw Corp.
Hoe & Co. Inc., R.
Ill. Tool Works, Machine & Instrument Div.
Klingelhoefer Machine Tool Corp., Albert
Lapointe Machine Co.
Lemmon & Snoap Co.
Martindale Electric Co.
Millers Falls Co.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Mott & Merryweather Machinery Co., The
National Tool Co.
Porter-Cable Machine Co.
Remington Arms Co. Inc.
Reltool Corp.
Shwayder Chemical Metallurgy Corp.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Skill Corp.
Transmores Corp.
Union Twist Drill Co.
Victory Carbide Saw & Tool Co. Inc.

BLADES, SAW, DIAMOND-TIPPED

A.I.T. Diamond Tool Co.
Abrasive Dressing Tool Co.
B.S.A. Tools Ltd.
Bay State Abrasive Products Co.
Chicago Pneumatic Tool Co.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Delta Diamond Wheel
Diamond Tool Research Co. Inc.
Di-Tru Diamond Tool Co.
Elgin National Watch Co., Abrasives Div.
Felker Mfg. Co.
Fish-Schurman Corp.
General Industrial Diamond Co. Inc.
Gilmore & Co. Inc., F. F.
Koebe Diamond Tool Co.
National Diamond Lab. Inc.
Skill Corp.

Smit & Co. Inc., Anton
Super-Cut Industries, Golconda
Corp.
Victor Inc.

BLADES, SAW, FRICTION

Amer. Saw & Mfg. Co.
Atkins Saw Div., Borg-Warner
Corp.
Atlantic Saw Mfg. Co. Inc.
Barnes Co. Inc., W. O.
Bethlehem Steel Co.
Black & Decker Mfg. Co., The
Capewell Mfg. Co., The
Diamond Saw Works Inc.
Diston Div., H. K. Porter Co.
Inc.
DoAll Co., The
Heinemann Saw Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Ryerson & Son Inc., Joseph T.
Simonds Saw & Steel Co.
Skill Corp.
Starrett Co., The L. S.
Thompson & Son, Henry G.

BLADES, SAW, HACK, HAND

Amer. Saw & Mfg. Co.
Armstrong-Blum Mfg. Co.
Atkins Saw Div., Borg-Warner
Corp.
Barnes Co. Inc., W. O.
Capewell Mfg. Co., The
Clemson Brothers Inc.
Diamond Saw Works Inc.
Diston Div., H. K. Porter Co.
Inc.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hoe & Co. Inc., R.
Industrial Tool Service
Malcus Tools Corp.
Millers Falls Co.
Mohawk File & Tool Co.
Nicholson File Co.
Proto Tool Co., Div. Pendleton
Tool Industries Inc.
Ryerson & Son Inc., Joseph T.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Skill Corp.
Snap-on Tools Corp.
Starrett Co., The L. S.
Thompson & Son, Henry G.
Wachs Co., The E. H.

BLADES, SAW, HACK, POWER DRIVEN

Amer. Saw & Mfg. Co.
Armstrong-Blum Mfg. Co.
Atkins Saw Div., Borg-Warner
Corp.
Barnes Co. Inc., W. O.
Capewell Mfg. Co., The
Chicago Pneumatic Tool Co.
Clemson Brothers Inc.
Diamond Saw Works Inc.
Diston Div., H. K. Porter Co.
Inc.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hoe & Co. Inc., R.
Malcus Tools Corp.
Millers Falls Co.
Mohawk File & Tool Co.
Nicholson File Co.
Peerless Machine Co.
Ryerson & Son Inc., Joseph T.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Skill Corp.
Starrett Co., The L. S.
Thompson & Son, Henry G.
Wachs Co., The E. H.

BLADES, SAW, SEGMENTED

Abrasive Dressing Tool Co.
Atkins Saw Div., Borg-Warner
Corp.
Chicago Pneumatic Tool Co.
Diston Div., H. K. Porter Co.
Inc.
Felker Mfg. Co.
George Machinery, James W.
Klingelhoefer Machine Tool
Corp., Albert
Motch & Merryweather Machin-
ery Co., The
Simonds Saw & Steel Co.

Super-Cut Industries, Golconda
Corp.
Transmases Corp.
Victor Inc.

BLADES, SHEAR

Amer. Cutter & Engrg. Corp.
Atkins Saw Div., Borg-
Warner Corp.
Beatty Machine & Mfg. Co.
Bethlehem Steel Co.
Beverly Shear Mfg. Co., The
Braeburn Alloy Steel Corp.
Cincinnati Shaper Co., The
Cleveland Punch & Shear
Works Co., The
Hendley & Whittemore Co.
Heppenstall Co., Midvale-Hep-
penstall Co.
Hill Acme Co., The
Kling Brothers Engrg. Works
Lewthwaite Machine Co., T. H.
National Tool Co.
Niagara Machine & Tool Works
Ohio Knife Co., The
Ryerson & Son Inc., Joseph T.
Simonds Saw & Steel Co.
Skill Corp.
Union Twist Drill Co.
Wapakoneta Machine Co., The
Whitney Mfg. Co., W. A.

BLADES, SLITTING

Amer. Cutter & Engrg. Corp.
Atkins Saw Div., Borg-Warner
Corp.
Bethlehem Steel Co.
Beverly Shear Mfg. Co., The
Braeburn Alloy Steel Corp.
Circular Tool Co. Inc.
Diston Div., H. K. Porter Co.
Inc.
DoAll Co., The
Gay-Lee Co.
Gorham Tool Co.
Heppenstall Co., Midvale-Hep-
penstall Co.
Hill Acme Co., The
Ill. Tool Works, Machine & In-
strument Div.
Motch & Merryweather Machin-
ery Co., The
Ohio Knife Co., The
Pratt & Whitney Co. Inc.
Reltool Corp.
Simonds Saw & Steel Co.
Skill Corp.
Union Twist Drill Co.
Victory Carbide Saw & Tool
Co. Inc.
Wapakoneta Machine Co., The
Whitney Mfg. Co., W. A.

BLADES, WORK REST (see Work Rest Blades)

BLANKS, FORM TOOL, CIRCULAR

Adamas Carbide Corp.
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
Carbide Tools Inc.
Carney-Stansfield Co.
Crafts Co. Inc., Arthur A.
Hyper Tool Co.
Marcoloy Inc.
Metallurgical Products Dept.
General Electric Co.
Morgood Tools Inc.
National Tool Co.
Plew Tool Corp.
Revere Copper & Brass Inc.
Sintercast Div., Chromalloy
Corp.
Somma Tool Co. Inc.
Ultra Hard Metals Inc.

BLANKS, TOOL STEEL

Ace Drill Corp.
Allegheny Ludlum Steel Corp.
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
Bethlehem Steel Co.
Braeburn Alloy Steel Corp.
Carbide Tools Inc.
Carney-Stansfield Co.
Chicago Pneumatic Tool Co.
Crucible Steel Co. of Amer.
Darwin & Milner Inc.
Dayton Carbide Tool Co. Inc.

DoAll Co., The
Hyper Tool Co.
Jesop Steel Co.
Marcoloy Inc.
Plew Tool Corp.
Porter Co. Inc., H. K.
Vulcan Kidd Steel Div.
Somma Tool Co. Inc.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.

BLAST CLEANING CABINETS

Clementina Ltd.
Modern Industrial Engrg. Co.
Mott Sand Blast Mfg. Co.
Pangborn Corp.
Ruemelin Mfg. Co.
Sanstorm Mfg. Co.
Trinity Tool Co.
Vapor Blast Mfg. Co.
Wheelabrator Corp.

BLAST FINISHING ABRASIVES

Barton Mines Corp.
Carborundum Co.
Clementina Ltd.
Detroit Abrasives Co.
Globe Steel Abrasive Co., The
Norton Co., The Abrasive Div.
Pangborn Corp.
Ruemelin Mfg. Co.
Simonds Abrasive Co.
Trinity Tool Co.
Vapor Blast Mfg. Co.
Wheelabrator Corp.

BLAST FINISHING MACHINES

Bren Weld Corp.
Clementina Ltd.
Lewis Welding & Engrg. Corp.,
The
Mott Sand Blast Mfg. Co.
Pangborn Corp.
Ruemelin Mfg. Co.
Trinity Tool Co.
Vapor Blast Mfg. Co.
Wheelabrator Corp.

BLAST FINISHING SHOT

Carborundum Co.
Clementina Ltd.
Globe Steel Abrasive Co., The
Ind. Copper Corp.
Pangborn Corp.
Wheelabrator Corp.

BLOCKS, BENDING

Acorn Iron & Supply Co.
Hy-Du-Lignum Co.
Standard Shop Equip. Co.

BLOCKS, GAGE (see Gage Blocks)

BLOCKS, PILLOW Link-Belt Co.

BLOWER EQUIPMENT

Buffalo Forge Co.
Detroit Stamping Co.
Electro-Mation Assoc.
Kirk & Blum Mfg. Co., The
Leiman Brothers Inc.
Morrison Products Inc.
Skill Corp.
Westinghouse Electric Corp.

BLOWERS

Breuer Electric Mfg. Co.
Buffalo Forge Co.
Eclipse Fuel Engrg. Co.
Electro-Mation Assoc.
Ingersoll-Rand Co.
Leiman Brothers Inc.
Mamco Corp.
Martindale Electric Co.
Morrison Products Inc.
Robbins & Myers Inc., Motor
Div.
Skill Corp.
Standard Electric Mfg. Co. Inc.
Standard Electrical Tool Co., The
Stokes Corp., F. J.
Westinghouse Electric Corp.

BOLSTER PLATES (see Plates Bolster)

BOLSTERS, HYDRAULIC

Di-dro Engrg. Co.
S & S Machinery Co.
Sargent Engrg. Corp.
Vickers Inc.

BOLT MAKING MACHINES

Columbia International Corp.
Hill Acme Co., The
National Machinery Co.
Pawtucket Mfg. Co.
S & S Machinery Co.
Waterbury Farrel Foundry &
Machine Co., The Div. Tex-
tron Inc.

BOLTS, EYE

Aluminum Co. of Amer.
Armstrong Bros. Tool Co.
Bethlehem Steel Co.
Billings & Spencer Co., The
Tool Div.
Carr Lane Mfg. Co.
Commercial Shearing & Stamp-
ing Co.
Froom & Co., R. H.
Harco Engrg.
Jergens Tool Specialty Co.
Lamson & Sessions Co., The
Monroe Engrg. Products Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
National Screw & Mfg. Co.
Northwestern Tools Inc.
Pawtucket Mfg. Co.
Lodging Inc.
Reid Tool Supply Co.
Siewek Tool Co.
Standard Parts Co.
Star Stainless Screw Co.
Tietzmann Tool Corp.
Tomeco Inc.
Universal Engrg. Co.
Williams & Co., J. H.

BOLTS, LATCH

Carr Lane Mfg. Co.
Harco Engrg.
Jergens Tool Specialty Co.
Monroe Engrg. Products Inc.
Northwestern Tools Inc.
Lodging Inc.
Reid Tool Supply Co.
Siewek Tool Co.
Standard Parts Co.
Tietzmann Tool Corp.
Tomeco Inc.

BOLTS, MACHINE

Aluminum Co. of Amer.
Bethlehem Steel Co.
Bultool Co., The
Chase Brass & Copper Co.
Commercial Shearing & Stamp-
ing Co.
Danly Machine Specialties Inc.
Eaton Mfg. Corp., Reliance Div.
Lamson & Sessions Co., The
National Screw & Mfg. Co.
Nylok Corp., The
Pawtucket Mfg. Co.
Pheoll Mfg. Co.
Russell, Burdall & Ward Bolt
& Nut Co.
Standard Screw Co.
Star Stainless Screw Co.
Tietzmann Tool Corp.
Westfield Metal Products Co.
Inc.

BOLTS, PRESS

Boyd-Wagner Co.
Commercial Shearing & Stamp-
ing Co.
Danly Machine Specialties Inc.
Rosan Inc.

BOLTS, SELF-LOCKING Long-Lok Corp.

BOLTS, STRIPPER

Acme-Danneman Co. Inc.
Bristol Co., The
Carr Lane Mfg. Co.
Danly Machine Specialties Inc.
Standard Die Set Corp., Div.
Harco Corp.
Holo-Krome Screw Corp., The
Jergens Tool Specialty Co.

PRODUCTS

BOLTS, STRIPPER (cont.)

Mae-It Parts Co.
Monroe Engrg. Products Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Parker-Kalon Div., General
Amer. Transportation Corp.
Pawtucket Mfg. Co.
Sid Tool Co. Inc.
Standard Parts Co.
Standard Pressed Steel Co.
Standard Screw Co.
Star Stainless Screw Co.
Tietzmann Tool Corp.

BOLTS, T-SLOT (see T-Slot Bolts & Nuts)

BOLTS, TORQUE-SET Amer. Screw Co.

BONDING ACCESSORIES, ADHESIVES Electro-Mation Assoc.

BONDING EQUIPMENT, ADHESIVES Electro-Mation Assoc. Greer Hydraulics Inc. Modern Industrial Engrg. Co. Mnhawk File & Tool Co.

BOOSTERS & ACCUMULATORS (see Accumulators & Boosters)

BORE GAGES (see Gages, Bore)

BORING BARS

Abrasive Dressing Tool Co.
Acme Tool Corp.
Acromatic Tool Co.
Aloris Tool Inc.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Slip Corp.
Apex Tool & Cutter Co. Inc.
Armstrong Bros. Tool Co.
Arrow Tool & Reamer Co.
Associated Machine Tool Corp.
B & W Precision Products Co.
Beaver Tool & Engrg. Corp.
Benerson Corp.
Bokum Tool Co. Inc.
Briney Mfg. Co., Subsidiary
Goddard & Goddard Co.
Brown & Sharpe Mfg. Co., Cut-
ting Tool Div.
Bullard Co., The
Buitool Co., The
Carbide Tools Inc.
Carney-Stansfield Co.
Chandler Tool Co.
Chi-Co Inc.
Clark Co., Robert H.
Cleveland Cutter & Reamer Co.
Coffey-Cummins Mfg. Co.
Comet Tool Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Craley Mfg. Co., C. C.
Craley & Son, A. B.
Criterion Machine Works
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Dexco Corp.
Dunham Tool Co. Inc., The
Eastern Tool Co. Inc.
Erickson Tool Co.
Erinac Equip. Corp.
Evans Reamer & Machine Co.
Evered Tool Co.
Ex-Cell-O Corp., Detroit
Falcon Tool Co. (Kwiklok)
Flynn Mfg. Co.
Freyman & Sons, J. E.
Fry Tool Mfg. Co.
Gairing Tool Co.
Globe Tools
Gorham Tool Co.
Hyper Tool Co.
Ingersoll Milling Machine Co.
K.D.K. Products
Kennametal Inc.
Last Word Sales Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works

Lovejoy Tool Co. Inc.
Lund Mfg. Co.
M.B.I. Export & Import Ltd.
Madison-Faessler Tool Co.
Marcoloy Inc.
Maxwell Industries Inc.
McCroskey Tool Corp.
Modco Tools
Modern Mfg. Co. Inc.
Muskegon Tool Industries Inc.
National Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
New Britain Tool & Mfg. Co. Inc.
Newcomer Products Inc.
O.K. Tool Co. Inc., The
Olafson Corp., The
Portage Tool Co., The
Pratt & Whitney Co. Inc.
Preferred Industries Inc.
Schwartz Precision Tool Sales
Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Spe-D-Cut Tool Co.
Sutton Tool Co.
Transmores Corp.
Tree Tool & Die Works
Ultra Hard Metals Inc.
Universal Engrg. Co.
V-B Mfg. Co.
Viking Tool Co. Inc., The
Wade Tool Co., The
Warner & Swasey Co.
Waukesha Cutting Tools Inc.
Weddell Tools Inc.
Wendt-Sonits Co.
Wesson Co.
Williams & Co., J. H.

BORING CUTTERS, BLOCK TYPE

Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Carbide Tools Inc.
Davis Div., Giddings & Lewis
Machine Tool Co.
Gairing Tool Co.
Hyper Tool Co.
Ingersoll Milling Machine Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Lund Mfg. Co.
Madison-Faessler Tool Co.
Maxwell Industries Inc.
McCroskey Tool Corp.
Modco Tools
Muskegon Tool Industries Inc.
National Tool Co.
O.K. Tool Co. Inc., The
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
V-B Mfg. Co.

BORING CUTTERS, CARBIDE, INSERTED BIT

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Slip Corp.
Apex Tool & Cutter Co. Inc.
B & W Precision Products Co.
Beaver Tool & Engrg. Corp.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Comet Tool Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Criterion Machine Works
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Eastern Tool Co. Inc.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Ingersoll Milling Machine Co.
Kennametal Inc.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Lovejoy Tool Co. Inc.

Lund Mfg. Co.
Madison-Faessler Tool Co.
Marcoloy Inc.
Maxwell Industries Inc.
McCroskey Tool Corp.
Metallurgical Products Dept.,
General Electric Co.
Modco Tools
Muskegon Tool Industries Inc.
National Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Newcomer Products Inc.
Niagara Cutter Div., Bollier-
Damerell Inc.
O.K. Tool Co. Inc., The
Preferred Industries Inc.
Scully-Jones & Co.
Sid Tool Co. Inc.
Spe-D-Cut Tool Co.
Ultra Hard Metals Inc.
U. S. Carbide Tool Inc.
Vascoloy-Ramet Corp.
V-B Mfg. Co.
Waukesha Cutting Tools Inc.
Weddell Tools Inc.
Wendt-Sonits Co.
Wesson Co.
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.

BORING CUTTERS, CARBIDE, SOLID BIT

Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Atrax Co., The
Beaver Tool & Engrg. Corp.
Bokum Tool Co. Inc.
Carbide Tool Co.
Carbide Tools Co.
Coffey-Cummins Mfg. Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Dixie Tool Industries
Eastern Tool Co. Inc.
Elgin National Watch Co., Abra-
sives Div.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Kennametal Inc.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Madison-Faessler Tool Co.
Marcoloy Inc.
Maxwell Industries Inc.
McCroskey Tool Corp.
Metallurgical Products Dept.,
General Electric Co.
Modco Tools
Morse Twist Drill & Machine
Co., Div. Van Norman
Industries Inc.
National Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
Precision Carbide Co.
Preferred Industries Inc.
Rico Tool Co.
Rotary Tool Co.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Ultra Hard Metals Inc.
Unimet Carbides, Div. United-
Greenfield Corp.
U. S. Carbide Tool Inc.
Vascoloy-Ramet Corp.
V-B Mfg. Co.
Walmet Corp.
Wendt-Sonits Co.
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.

BORING CUTTERS, CERAMIC BIT

Amer. Cutter & Engrg. Corp.

Amer. Heller Corp.
Crafts Co. Inc., Arthur A.
Criterion Machine Works
Davis Div., Giddings & Lewis
Machine Tool Co.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Gorham Tool Co.
McCroskey Tool Corp.
Metallurgical Products Dept.,
General Electric Co.
Spe-D-Cut Tool Co.
Stupalox Div., The Carborundum
Co.
Vascoloy-Ramet Corp.
V-B Mfg. Co.
Wendt-Sonits Co.

BORING CUTTERS, DIAMOND BIT

Abrasive Dressing Tool Co.
Amer. Diamond Tool & Gauge
Co.
Amer. Heller Corp.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Davis Div., Giddings & Lewis
Machine Tool Co.
Dayton Carbide Tool Co. Inc.
Delta Diamond Wheel Corp.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
National Diamond Lab Inc.
Neuber Industrial Diamond Co.
Precision Diamond Tool Co.
Smit & Co. Inc., Anton
Super-Cut Industries, Goleconda
Corp.

BORING CUTTERS, STEEL BIT

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Slip Corp.
Apex Tool & Cutter Co. Inc.
B & W Precision Products Co.
Beaver Tool & Engrg. Corp.
Bokum Tool Co. Inc.
Carbide Tools Inc.
Comet Tool Co.
Craig Tools Inc.
Criterion Machine Works
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Ex-Cell-O Corp., Detroit
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Lovejoy Tool Co. Inc.
Madison-Faessler Tool Co.
Marcoloy Inc.
Maxwell Industries Inc.
McCroskey Tool Corp.
Modco Tools
Niagara Cutter Div., Bollier-
Damerell Inc.
Plew Tool Corp.
Preferred Industries Inc.
V-B Mfg. Co.
Waukesha Cutting Tools Inc.
Wetmore Tool & Engrg. Co.
Williams Industries, W. W.

BORING HEADS

Acme Tool Corp.
Acromatic Tool Co.
Alina Corp.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Slip Corp.
Apex Tool & Cutter Co. Inc.
Beaver Tool & Engrg. Corp.
Bellows-Valvair, Div. IBEC
Bokum Tool Co. Inc.
Borel & Dunner
Bridgeport Machines Inc.
Briney Mfg. Co., Subsidiary
Goddard & Goddard Co.
Carbide Tools Inc.
Carney-Stansfield Co.

Chandler Tool Co.
Cincinnati Electrical Tool Co.,
The
Columbia International Corp.
Craley Mfg. Co. C. C.
Criterion Machine Works
Davis Div., Giddings & Lewis
Machine Tool Co.
Davis & Thompson Co.
Dawson Tool Co.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Drillimation Co. Inc.
Everede Tool Co.
Ex-Cell-O Corp., Detroit
Falcon Tool Co. (Kwiklok)
Flynn Mfg. Co.
Gairing Tool Co.
Globe Tools
Goddard & Goddard Co.
Gorham Tool Co.
Heald Machine Co., The
Hoefler Mfg. Co.
Ingersoll Milling Machine Co.
Last Word Sales Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Lovejoy Tool Co. Inc.
M.B.I. Export & Import Ltd.
Madison-Faessler Tool Co.
Maxwell Industries Inc.
McCrosky Tool Corp.
Miles Instrument Co.
Montgomery & Co. Inc.
National Tool Co.
Neise, Karl A.
Newcomer Products Inc.
O.K. Tool Co. Inc.
Pratt & Whitney Co. Inc.
Precision Tool & Mfg. Co.
S & S Machinery Co.
Schwartz Precision Tool Sales
Co.
Screw Machine Tool Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Simplex Machine Tool Corp.
Standard Electrical Tool Co.,
The
Sutton Tool Co.
Thriftmaster Products Corp.
Tree Tool & Die Works
U.S. Drill Head Co.
V-B Mfg. Co.
Weddell Tools Inc.
Wesson Co.
Wetmore Tool & Engrg. Co.
Williams Industries, W. W.

BORING MACHINES, HORIZONTAL

Amer. Schless Corp.
Associated Machine Tool Corp.
B.S.A. Tools Ltd.
Barer Engrg. & Machinery Co.
Ltd.
Bullard Co., The
Carney-Stansfield Co.
Cincinnati Gilbert Machine Tool
Co., The
Columbia International Corp.
Cosa Corp.
Davis & Thompson Co.
DeVlieg Machine Co.
Drillimation Co. Inc.
Ex-Cell-O Corp., Detroit
Giddings & Lewis Machine Tool
Co.
Girard Assoc.
Gray Co., The G. A.
Heald Machine Co., The
Index Industrial Corp.
Ingersoll Milling Machine Co.
Kempsmith Machine Co.
Lahr Machine & Tool Corp.
Lamb Co., F. Jos.
Lucas Machine Div., The New
Britain Machine Co.
Morton Mfg. Co.
Pope Machinery Corp.
Portage Machine Co.
S & S Machinery Co.
Scharmann Machine Corp.
Sigma Machinery Inc.
Simplex Machine Tool Corp.
Stokvis Multiton Corp.
Swift Ohio Corp.
Transmores Corp.
Wender Presses Inc.

BORING MACHINES, JIG

Allina Corp.
Amer. Slip Corp.
Associated Machine Tool Corp.
Austin Industrial Corp.
Barer Engrg. & Machinery Co.
Bentley Industrial Corp.
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Columbia International Corp.
Cosa Corp.
DeVlieg Machine Co.
Drillimation Co. Inc.
Erinac Equip. Corp.
Foodick Machine Tool Co. Inc.
Giddings & Lewis Machine Tool
Co.
Knight Machinery Co., W. B.
Linley Brothers Co.
M.B.I. Export & Import Ltd.
Manex Machinery Corp.
Moore Special Tool Co. Inc.
Opto-Metric Tools Inc.
Orban Co. Inc., Kurt
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Wender Presses Inc.

BORING MACHINES, PRECISION

Allina Corp.
Associated Machine Tool Corp.
Amer. Electronics Inc.
Industrial Machinery Div.
Burg Tool Mfg. Co. Inc.
Canton Tool Mfg. Co., The
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Cosa Corp.
Coulter Machine Co., James
DeVlieg Machine Co.
Drillimation Co. Inc.
Ex-Cell-O Corp., Detroit
Foodick Machine Tool Co. Inc.
Giddings & Lewis Machine Tool
Co.
Girard Assoc.
Heald Machine Co., The
Ingersoll Milling Machine Co.
International Machine & Tool
Corp.
Jones & Lamson Machine Co.
Lamb Co., F. Jos.
Loeffel Co. Inc., The Arthur
Lucas Machine Div., The New
Britain Machine Co.
M.B.I. Export & Import Ltd.
Olofsson Corp., The
Opto-Metric Tools Inc.
Orban Co. Inc., Kurt
Pope Machinery Corp.
S & S Machinery Co.
Scharmann Machine Corp.
Seneca Falls Machine Co.
Simplex Machine Tool Corp.
Star Cutter Co.
Wender Presses Inc.

BORING MACHINES, SPECIAL PURPOSE

Agnew Machine Co.
Amer. Electronics Inc.
Industrial Machinery Div.
Amer. Heller Corp.
Arrowsmith Tool & Die Corp.
Associated Machine Tool Corp.
Barnes Co., W. F. & John
Bedford Gear & Machine Prod-
ucts Inc.
Benerson Corp.
Burg Tool Mfg. Co. Inc.
Carbide Tools Inc.
Carney-Stansfield Co.
Clausing Div., Atlas Press Co.
Cleereman Machine Tool Corp.
Cosa Corp.
Crosby Co., The
Drillimation Co. Inc.
Ex-Cell-O Corp., Detroit
Fitchburg Engrg. Corp.
Giddings & Lewis Machine Tool
Co.
Girard Assoc.
Greenlee Brothers & Co.
Hanover Tool Co. Inc.
Heald Machine Co., The
Hoefler Mfg. Co.
Hufford Corp., The
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.

Lahr Machine & Tool Corp.
Lamb Co., F. Jos.
Lemaire Machine Tool Co.
Loeffel Co. Inc., The Arthur
Mesta Machine Co.
Moline Tool Co.
Morton Mfg. Co.
National Automatic Tool Co. Inc.
Olofsson Corp., The
Hedin Production Machine Co.
Rehnberg-Jacobson Mfg. Co.
Russell, Holbrook & Henderson
Inc.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Simplex Machine Tool Corp.
Snyder Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Swift Ohio Corp.
Thompson Mfg. Co., Earl A.
Transmores Corp.
Turner Bros. Inc.
Wickes Corp., The, Wickes
Machine Tool Div.

BORING MACHINES, VERTICAL

Amer. Schless Corp.
Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co.
Ltd.
Bentley Industrial Corp.
Bullard Co., The
Burg Tool Mfg. Co. Inc.
Canton Tool Mfg. Co., The
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Cosa Corp.
Coulter Machine Co., James
Drillimation Co. Inc.
Ex-Cell-O Corp., Detroit
Giddings & Lewis Machine Tool
Co.
Heald Machine Co., The
Hermes Machine Tool Co. Inc.
Ingersoll Milling Machine Co.
King Machine Tool Div., Amer.
Steel Foundries
Lahr Machine & Tool Corp.
Lamb Co., F. Jos.
Morton Mfg. Co.
Motch & Merryweather Machin-
ery Co., The
Olofsson Corp., The
S & S Machinery Co.
Sigma Machinery Inc.
Simplex Machine Tool Corp.
Wender Presses Inc.

BORING TOOLS, GUN TYPE

Acme Tool Corp.
Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Buckeye Tools Corp.
Coffey-Cummins Mfg. Co.
Craig Tools Inc.
Davis Div., Giddings & Lewis
Machine Tool Co.
Dunham Tool Co. Inc., The
Eldorado Tool & Mfg. Corp.
Glenbard Tool Mfrs. Inc.
Hyper Tool Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Madison-Faessler Tool Co.
Marcoloy Inc.
McCrosky Tool Corp.
Modco Tools
Plew Tool Corp.
Pratt & Whitney Co. Inc.
S & S Machinery Co.
V-B Mfg. Co.
Wetmore Tool & Engrg. Co.

BRAKE BLOCKS & LININGS

Gairing Tool Co.
Johns-Manville Sales Corp.
Raybestos-Manhattan Inc.
Manhattan Rubber Div.
Thermoid Div., H. K. Porter
Co. Inc.

BRAKES, HYDRAULIC

Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co.
Ltd.

Cincinnati Shaper Co., The
Cleveland Crane & Engrg. Co.,
The
Girard Assoc.
Industrial Metal Products Corp.
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Pacific Industrial Mfg. Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sargent Engrg. Corp.
Version Allsteel Press Co.
Western Gear Corp.
Wilson Inc., K. R.

BRAKES, PRESS

Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co.
Ltd.
Bath Co., The Cyril
Birdsboro Corp.
Brown Boggs Foundry & Ma-
chine Co. Ltd.
Carney-Stansfield Co.
Cincinnati Shaper Co., The
Cleveland Crane & Engrg. Co.,
The
Excelior Tool & Machine Co.
Ferracute Machine Co.
Girard Assoc.
Lake Erie Machinery Corp.
Morton Mfg. Co.
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Pacific Industrial Mfg. Co.
Rotex Punch Co. Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Service Machine Co.
Sigma Machinery Inc.
Stueck Inc., W. Whitney
Taylor-Winfield Corp.
Version Allsteel Press Co.
Wilson Inc., K. R.

BRAKES & SHEARS, MECHANICAL

Barer Engrg. & Machinery Co.
Ltd.
Beatty Machine & Mfg. Co.
Berkroy Products Co.
Birdsboro Corp.
Brown Boggs Foundry & Machine
Co. Ltd.
Carney-Stansfield Co.
Cincinnati Shaper Co., The
Cleveland Crane & Engrg. Co.,
The
Girard Assoc.
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Peck, Stow & Wilcox Co., The
Rotex Punch Co. Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sigma Machinery Inc.
Stueck Inc., W. Whitney
Upton Braden & James Inc.
Version Allsteel Press Co.
Williams White & Co.

BRASS

Amer. Brass Co., The
Amer. Smelting & Refining Co.
Belmont Smelting & Refining
Works Inc.
Bridgeport Brass Co.
Bushings Inc.
Centrifugally Cast Products, The
Shenango Furnace Co.
Chase Brass & Copper Co.
Janney Cylinder Co.
Mueller Brass Co.
Pheoll Mfg. Co.
Renewal Service Inc.
Revere Copper & Brass Inc.

BRAZING ACCESSORIES

All-State Welding Alloys Co. Inc.
Belmont Smelting & Refining
Works Inc.
Dockson Corp.
Eutectic Welding Alloys Corp.
Marquette Mfg. Co. Inc.
Staats & Staats Inc.
Wall-Colmonoy Corp.

BRAZING ALLOYS (see Alloys, Brazing)

PRODUCTS

BRAZING EQUIPMENT, FLAME

Amer. Gas Furnace Co.
Cincinnati Milling & Grinding
Machines Inc.
Dockson Corp.
Eisler Engrg. Co. Inc.
Linde Co., Div. Union
Carbide Corp.
Marquette Mfg. Co. Inc.
Selas Corp. of Amer.
Weldit Inc.
Youngberg Brothers

BRAZING EQUIPMENT, INDUCTION

Allis-Chalmers Mfg. Co.
Cincinnati Milling & Grinding
Machines Inc.
Eisler Engrg. Co. Inc.
Hayes Inc., C. I.
Induction Heating Corp.
Lindberg Engrg. Co.
Tocco Div., Ohio Crankshaft Co.

BRAZING FURNACES

Air Reduction Sales Co.
Amer. Gas Furnace Co.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Hones Inc., Charles A.
Lindberg Engrg. Co.
S & S Machinery Co.
Selas Corp. of Amer.
Surface Combustion Corp., Div.
Midland-Ross Corp.

BRINELL HARDNESS TESTING MACHINES (see Hardness Testing Machines, Brinell)

BRITTLE COATINGS, STRESS ANALYSIS

Magnaflux Corp.

BROACHES, BURNISHING

Apex Broach Co. Inc.
Calif. Broach Co.
Conant Broach Co.
Dayton Carbide Tool Co. Inc.
Detroit Broach & Machine Co.
Dumont Corp., The
Equitable Engrg. Co.
General Broach & Engrg. Co.
Lapointe Machine Tool Co.
Mich. Machine & Broach Co.
National Broach & Machine Co.
Pioneer Broach Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.

BROACHES, INTERNAL, PULL

Acme Broach Corp.
Amer. Cutter & Engrg. Corp.
Apex Broach Co. Inc.
B.S.A. Tools Ltd.
Baj Tool Co., The
Calif. Broach Co.
Colonial Broach & Machine Co.
Colonial Tool Co.
Conant Broach Co.
Dayton Carbide Tool Co. Inc.
Detroit Broach & Machine Co.
Dumont Corp., The
Equitable Engrg. Co.
Ex-Cell-O Corp., Detroit
General Broach & Engrg. Co.
Ill. Tool Works, Machine &
Instrument Div.
Lapointe Machine Tool Co.
Mich. Machine & Broach Co.
Miles Inc., Ty
National Broach & Machine Co.
National Tool Co.
Pioneer Broach Co.
S & S Machinery Co.
Sid Tool Co. Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sundstrand-Amer. Broach Div.
Sundstrand Corp.

BROACHES, INTERNAL, PUSH

Acme Broach Corp.
Amer. Cutter & Engrg. Corp.
Apex Broach Co. Inc.
B.S.A. Tools Ltd.
Calif. Broach Co.
Colonial Broach & Machine Co.
Colonial Tool Co.

Conant Broach Co.
Detroit Broach & Machine Co.
Dumont Corp., The
Equitable Engrg. Co.
Ex-Cell-O Corp., Detroit
General Broach & Engrg. Co.
Ill. Tool Works, Machine &
Instrument Div.
Lapointe Machine Tool Co.
Mayes Tool Co.
Mich. Machine & Broach Co.
Miles Inc., Ty
National Broach & Machine Co.
National Tool Co.
Pioneer Broach Co.
S & S Machinery Co.
Sid Tool Co. Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sundstrand-Amer. Broach Div.
Sundstrand Corp.
Threadwell Tap & Die Co.

BROACHES, PORTABLE HYDRAULIC

Acme Broach Corp.
Apex Broach Co. Inc.
Calif. Broach Co.
Chicago Pneumatic Tool Co.
Lapointe Machine Tool Co.
Mich. Machine & Broach Co.
Pioneer Broach Co.
S & S Machinery Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.

BROACHES, PORTABLE PNEUMATIC

Apex Broach Co. Inc.
Buckeye Tools Corp.
Calif. Broach Co.
Chicago Pneumatic Tool Co.
Mich. Machine & Broach Co.
S & S Machinery Co.

BROACHES, SURFACE

Amer. Cutter & Engrg. Corp.
Apex Broach Co. Inc.
B.S.A. Tools Ltd.
Calif. Broach Co.
Cincinnati Milling & Grinding
Machines Inc.
Colonial Broach & Machine Co.
Conant Broach Co.
Detroit Broach & Machine Co.
Equitable Engrg. Co.
Ex-Cell-O Corp., Detroit
General Broach & Engrg. Co.
Ill. Tool Works, Machine &
Instrument Div.
Lapointe Machine Tool Co.
Mich. Machine & Broach Co.
Miles Inc., Ty
National Broach & Machine Co.
National Tool Co.
Pioneer Broach Co.
S & S Machinery Co.
Sundstrand-Amer. Broach Div.
Sundstrand Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.

BROACHING FIXTURES (see Fixtures, Broaching)

BROACHING MACHINES, HORIZONTAL INTERNAL

Acme Broach Corp.
Apex Broach Co. Inc.
Carney-Stansfield Co.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Lapointe Machine Tool Co.
Mich. Machine & Broach Co.
Miles Inc., Ty
National Broach & Machine Co.
Pioneer Broach Co.
S & S Machinery Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sykes Machine & Gear Corp.
Zagar Inc.

BROACHING MACHINES, HORIZONTAL SURFACE

Acme Broach Corp.
Apex Broach Co. Inc.

Cincinnati Milling & Grinding
Machines Inc.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Foote-Burt Co., The
Lapointe Machine Tool Co.
Miles Inc., Ty
Pioneer Broach Co.
S & S Machinery Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.

BROACHING MACHINES, ROTARY SURFACE

Apex Broach Co. Inc.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Lapointe Machine Tool Co.
S & S Machinery Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.

BROACHING MACHINES, VERTICAL INTERNAL

Acme Broach Corp.
Apex Broach Co. Inc.
B.S.A. Tools Ltd.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Lapointe Machine Tool Co.
Miles Inc., Ty
Pioneer Broach Co.
S & S Machinery Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Zagar Inc.

BROACHING MACHINES, VERTICAL SURFACE

Acme Broach Corp.
Apex Broach Co. Inc.
B.S.A. Tools Ltd.
Cincinnati Milling & Grinding
Machines Inc.
Colonial Broach & Machine Co.
Detroit Broach & Machine Co.
Foote-Burt Co., The
Lapointe Machine Tool Co.
Miles Inc., Ty
Pioneer Broach Co.
S & S Machinery Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.

BRONZE

Amer. Brass Co., The
Amer. Crucible Products Co., The
Amer. Smelting & Refining Co.
Ampco Metal Inc.
Baldwin-Lima-Hamilton Corp.
Belmont Smelting & Refining
Works Inc.
Bridgeport Brass Co.
Bunting Brass & Bronze Co., The
Bushings Inc.
Centrifugally Cast Products Div.,
The Shenango Furnace Co.
Chase Brass & Copper Co.
Janney Cylinder Co.
Johnson Bronze Co.
Mallory & Co. Inc., P. R.
Metal & Thermit Corp.
Moccasin Bushing Co.
Mueller Brass Co.
Renewal Service Inc.
Revere Copper & Brass Inc.

BRONZE, BASIC SHAPES & FORMS

Amer. Brass Co., The
Amer. Crucible Products Co.,
The
Ampco Metal Inc.
Bridgeport Brass Co.
Bushings Inc.
Mueller Brass Co.
Renewal Service Inc.

BRUSHES, POWER, FIBER

Foredom Electric Co. Inc.
Fuller Brush Co., The
Industrial Products Div.

Osborn Mfg. Co.
Pittsburgh Plate Glass Co.,
Brush Div.

BRUSHES, POWER, WIRE

Anderson Corp.
Coastal Abrasive & Tool Co. Inc.
Foredom Electric Co. Inc.
Fuller Brush Co., The
Industrial Products Div.
Ingersoll-Rand Co.
Osborn Mfg. Co.
Pittsburgh Plate Glass Co.,
Brush Div.
Skill Corp.

BRUSHING HEADS

Cincinnati Electrical Tool Co.
The
Osborn Mfg. Co.

BRUSHING MACHINES

Cincinnati Electrical Tool Co.,
The
Foredom Electric Co. Inc.
Hammond Machinery Builders
Inc.
Industrial Metal Products Corp.
Osborn Mfg. Co.
S & S Machinery Co.
Thor Power Tool Co.

BUFFING MACHINES

(see Polishing & Buffing
Machines)

BUFFING WHEELS

AAA Mfg. Co. Inc.
Amer. Felt Co.
Black & Decker Mfg. Co., The
Coastal Abrasive & Tool Co. Inc.
Codman Co., F. L. & J. C.
Foredom Electric Co. Inc.
Kramer Co. Inc., H. W.
Millers Falls Co.
Remington Arms Co. Inc.
Skill Corp.

BULLDOZERS, HYDRAULIC

Kling Bros. Engrg. Works

BULLDOZERS, MECHANICAL

Chambersburg Engrg. Co.
Girard Assoc.
Hufford Corp., The
Mead Specialties Co.
Ryerson & Son Inc., Joseph T.
Thomas Machine Mfg. Co.
Tishken Products Co.
Williams White & Co.

BURNERS, GAS, OIL

Amer. Gas Furnace Co.
Bliss Co., E. W.
Eclipse Fuel Engrg. Co.
Hones Inc., Charles A.
Littleford Brothers Inc.
Selas Corp. of Amer.
Surface Combustion, Div.
Midland-Ross Corp.
Youngberg Brothers

BURNISHING ACCESSORIES

Acme Broach Corp.
Apex Broach Co. Inc.
Cogdill Tool Products Inc.
French Enterprises
Glenbard Tool Mfrs. Inc.
Madison-Faessler Tool Co.
Mohawk File & Tool Co.
Muskegon Tool Industries Inc.
Oakite Products Inc.
Tumb-L-Matic Inc.

BURNISHING BROACHES (see Broaches, Burnishing)

BURNISHING MACHINES, LINEAR

Apex Broach Co. Inc.
French Enterprises
Lamb Co., F. Jos.
S & S Machinery Co.

BURNISHING MACHINES, ROTATING

Apex Broach Co. Inc.

Casabli Co.
French Enterprises
Grav-I-Flo Corp., The
Hole Engrg. Service
Kramer Co. Inc., H. W.
Lamb Co., F. Jos.
M-F Equip. Co.
Mold Products
Roto-Finish Co.
S & S Machinery Co.
Tumb-L-Matic Inc.

BURNISHING TOOLS, ROLLER

Madison Faessler Tool Co.
Madison Industries Inc.

BURS, CARBIDE

Ashcomb Co.
Atrax Co., The
B.S.A. Tools Ltd.
Beaver Cut Rotary File Co.
Coastal Abrasive & Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Detroit Tap & Tool Co.
Dexco Corp., Raymac Div.
Dixie Tool Industries
DoAll Co., The
Elgin National Watch Co.,
Abrasives Div.
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Kennametal Inc.
Martindale Electric Co.
Metal Removal Co., The
Mohawk File & Tool Co.
Pratt & Whitney Co. Inc.
Precise Products Corp.
Precision Carbide Co.
Rico Tool Co.
Rotary Tool Co.
Sandvik Steel Inc.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Spe-D-Cut Tool Co.
U. S. Carbide Tool Inc.
Valenite Metals Div., The
Valeron Corp.
Walmet Corp.
Wendt-Sunis Co.
Willey's Carbide Tool Co.

BURS, HIGH-SPEED

Beaver Cut Rotary File Co.
Coastal Abrasive & Tool Co. Inc.
DoAll Co., The
Ford Mfg. Co. Inc., M. A.
Jarvis Corp.
Martindale Electric Co.
Metal Removal Co., The
Pratt & Whitney Co. Inc.
Precise Products Corp.
Rico Tool Co.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Special Drill & Reamer Corp.

BUSHINGS, ALUMINUM BRONZE

Acme Industrial Co.
Amer. Crucible Products Co., The
Amer. Smelting & Refining Co.
Ampeco Metal Inc.
Baldwin-Lima-Hamilton Corp.
Buckeye Brass & Mfg. Co.
Bunting Brass & Bronze Co., The
Bushings Inc.
Centrifugally Cast Products, The
Shenango Furnace Co.
Federal-Mogul Div., Federal-
Mogul-Bower Bearings Inc.
Janney Cylinder Co.
Johnson Bronze Co.
Mueller Brass Co.
Renewal Service Inc.

BUSHINGS, ANTIFRICTION, BEARING TYPE

Briney Mfg. Co., Subsidiary
Goddard & Goddard Co.
Buckeye Brass & Mfg. Co.
Bushings Inc.
Donley Products Inc.
Evans Reamer & Machine Co.
Frauenthal Div., The Kaydon
Engrg. Corp.
Gatco Rotary Bushing Co.
PIC Design Corp.
Renewal Service Inc.
Thomson Industries Inc.

BUSHINGS, CARBIDE

Acme-Danneman Co. Inc.
Acme Industrial Co.
Acme Tool Corp.
Adams Carbide Corp.
Amer. Cutter & Engrg. Corp.
Amer. Drill Bushing Co.
Carbide Tool Co.
Carbide Tools Inc.
Cleveland Tool & Die Co.
Crafts Co. Inc., Arthur A.
Dayton Carbide Tool Co. Inc.
Firth Sterling Inc.
Ford Mfg. Co. Inc., M. A.
Hudson Automatic Machine &
Tool Co.
Hyper Tool Co.
Kennametal Inc.
Loeffel Co. Inc., The Arthur
Marathon Specialty Steels Inc.
Marcoloy Inc.
Metallurgical Products Dept.,
General Electric Co.
Meyers Co., W. F.
Shwayer Chemical Metallurgy
Corp.
Sid Tool Co. Inc.
Sintercast Div., Chromalloy Corp.
Ultra Hard Metals Inc.
Unimet Carbides, Div. United-
Greenfield Corp.
U. S. Carbide Tool Inc.
Universal Engrg. Co.
Valenite Metals Div., The
Valeron Corp.
Vascoloy-Ramet Corp.
Willey's Carbide Tool Co.

BUSHINGS, DIE SET

Acme-Danneman Co. Inc.
Acme Industrial Co.
Bushings Inc.
Danly Machine Specialties Inc.
Die Set Div., Product Machine
Co.
Die Supply Div., E. W. Bliss
Co.
Evans Reamer & Machine Co.
Micro Punch & Die Co.
Renewal Service Inc.
Richard Bros. Punch Div.,
Allied Products Corp.
Standard Die Set Co., Div.
Harsco Corp.
Thomson Industries Inc.
Union Mfg. Co.

BUSHINGS, DIE SET, ANTIFRICTION

Acme-Danneman Co. Inc.
Die Set Div., Product Machine
Co.
Die Supply Div., E. W. Bliss
Co.
Evans Reamer & Machine Co.
Standard Die Set Corp., Div.
Harsco Corp.
Thomson Industries Inc.

BUSHINGS, DIE SET, SHOULDER

Acme-Danneman Co. Inc.
Acme Industrial Co.
Bushings Inc.
Danly Machine Specialties Inc.
Die Set Div., Product Machine
Co.
Die Supply Div., E. W. Bliss
Co.
Evans Reamer & Machine Co.
Micro Punch & Die Co.
Renewal Service Inc.
Richard Bros. Punch Div.,
Allied Products Corp.
Standard Die Set Co., Div.
Harsco Corp.
Thomson Industries Inc.
Union Mfg. Co.

BUSHINGS, DRILL JIG

Accurate Bushing Co.
Ace Drill Bushing Co. Inc.
Acme-Danneman Co. Inc.
Acme Industrial Co.
Acme Tool Corp.
Amer. Drill Bushing Co.
Carr Lane Mfg. Co.
Colonial Broach & Machine Co.
Economy Tool & Machine Co.
Ex-Cell-O Corp., Detroit

Gardner-Denver Co.
Hi-Shear Rivet Tool Co.
Jergens Tool Specialty Co.
Leland-Gifford Co.
Montgomery & Co. Inc.
Penn Engrg. & Mfg. Corp.
Prebco Bushing Co.
Rezolin Inc.
Sheridan Products Inc.
Sid Tool Co. Inc.
Standard Die Set Corp., Div.
Harsco Corp.
Techno-Products Corp.
Tressler Engrg. Products Div.
Universal Engrg. Co.

BUSHINGS, FLEXIBLE

Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Vibration Mountings Inc.

BUSHINGS, GUIDE, LIVE

Acme-Danneman Co. Inc.
Briney Mfg. Co., Subsidiary
Goddard & Goddard Co.
Die Supply Div., E. W. Bliss Co.
Evans Reamer & Machine Co.

BUSHINGS, GUIDE, PLAIN

Acme-Danneman Co. Inc.
Acme Industrial Co.
Ampeco Metal Inc.
Bushings Inc.
Danly Machine Specialties Inc.
Die Set Div., Product Machine
Co.
Detroit Mold Engrg. Co.
Micro Punch & Die Co.
Renewal Service Inc.
Threadwell Tap & Die Co.

BUSHINGS, NEEDLE BEARING

Donley Products Inc.
Frauenthal Div., The Kaydon
Engrg. Corp.
Gatco Rotary Bushing Co.
Roller Bearing Co. of Amer.
Torrington Co., The

BUSHINGS, ROLLER BEARING

Acme Industrial Co.
Donley Products Inc.
Frauenthal Div., The Kaydon
Engrg. Corp.
Gatco Rotary Bushing Co.
Roller Bearing Co. of Amer.
Torrington Co., The

BUSHINGS, SELF-ALIGNING

Roller Bearing Co. of Amer.

CALIPERS, TOOLMAKER'S

Alina Corp.
Bemax Import-Export Co.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Coastal Abrasive & Tool Co.
Inc.
General Hardware Mfg. Co. Inc.
Lufkin Rule Co.
M.B.I. Export & Import Ltd.
Millers Falls Co.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Neise, Karl A.
Scherr-Tumico Co.
Sid Tool Co. Inc.
Starrett Co., The L. S.
Swedish Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.
Tressler Engrg. Products Inc.

CAM BLANKS

Allou Engrg. Inc.
Amer. Cam Co. Inc.
B.S.A. Tools Ltd.
Bethlehem Steel Co.
Brown & Sharp Mfg. Co.,
Industrial Products Div.
Crucible Steel Co. of Amer.
Hudson Automatic Machine &
Tool Co.
Loeffel Co. Inc., The Arthur
Meehanite Metal Corp.
Payne Tool & Engrg. Co., The
Shaker Tool & Die Co.

Sylvania Lighting Products,
Equip. Development Plant
Thompson Mfg. Co., Earl A.
Tomco Inc.

CAM-CUTTING MACHINES

Amer. Bechler Corp.
Carney-Stansfield Co.
Frew Machine Co., The
Giddings & Lewis Machine Tool
Co.
Gorton Machine Co., George
Hudson Automatic Machine &
Tool Co.
Lapointe Machine Co.
Loeffel Co. Inc., The Arthur
New England Machine & Tool Co.
Rowbottom Machine Co. Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
S & S Machinery Co.
Sigma Machinery Inc.
Sylvania Lighting Products
Equip. Development Plant
Thompson Mfg. Co., Earl A.
Turchan Follower Machine Co.
Wickman Products Corp.

CAM MILLING & GRINDING MACHINES

Amer. Schless Corp.
Apex Broach Co. Inc.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Cincinnati Milling & Grinding
Machines Inc.
Ex-Cell-O Corp., Detroit
Gorton Machine Co., George
Hudson Automatic Machine &
Tool Co.
Kearney & Trecker Corp.
Lapointe Machine Co.
Loeffel Co. Inc., The Arthur
M & M Tool & Mfg. Co.
New England Machine & Tool Co.
Norton Co., Machine Div.
Rowbottom Machine Co. Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
S & S Machinery Co.
Sigma Machinery Inc.
Thompson Mfg. Co., Earl A.
Turchan Follower Machine
Co.
Walker Hydraulic Duplicator Co.

CAMS

AA Gage Co., Design Engrg. Div.
Allou Engrg. Inc.
Amer. Bechler Corp.
Amer. Cam Co. Inc.
Amplex Div., Chrysler Corp.
Apex Broach Co. Inc.
B.S.A. Tools Ltd.
Bethlehem Steel Co.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Camdale Precision Inc.
Carr Lane Mfg. Co.
Cleveland Tool & Die Co.
Detterbeck Co., L. G.
Eisler Engrg. Co. Inc.
Ferguson Machine Corp.
Himeff Machine Co. Inc.
Hoglund Engrg. & Mfg. Co. Inc.
Ind. Gear Works Inc.
Jergens Tool Specialty Co.
Lodding Inc.
Loeffel Co. Inc., The Arthur
Mallory Industries Inc.
Meehanite Metal Corp.
Monroe Engrg. Products Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
PIC Design Corp.
Parker-Hartford Corp., The
Payne Tool & Engrg. Co., The
Rowbottom Machine Co. Inc.
Royal Oak Tool & Machine Co.,
Grinder Div.
Shaker Tool & Die Co.
Stewek Tool Co.
Sylvania Lighting Products,
Equip. Development Plant
Thompson Mfg. Co., Earl A.
Tomco Inc.
Waltham Machine Works Inc.
Wespo Div., Vlier Engrg. Co.

PRODUCTS

CAMERAS

Daco Instrument Co.
Dietzgen Co., Eugene
Eastman Kodak Co.
Girard Assoc.
Hayes Aircraft Corp.
Zeiss Inc., Carl

CAMERAS, HIGH-SPEED

Avco Research & Development Div.
Daco Instrument Co.
Ercona Corp.
Hayes Aircraft Corp.
Sandvik Steel Inc.
U. S. Carbide Tool Inc.
Zeiss Inc., Carl

CARBIDE INSERTS, 1½ INCH (see Inserts, Carbide, 1½ inch)

CARBIDE INSERTS, THROW-AWAY (see Inserts, Throw-Away)

CARBIDE REAMERS (see Reamers)

CARBIDE-TIPPED REAMERS (see Reamers, Carbide-Tipped)

CARBIDE TIPS (see Tips)

CARBIDE TIPS, REPLACEMENT (see Tips, Replacement)

CARBIDES, CEMENTED

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
Amer. Cutter & Engrg. Corp.
Apex Broach Co. Inc.
Armstrong Bros. Tool Co.
Besly-Weltes Corp., Cutting Tools & Gages
Carborundum Co., The
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Firth Sterling Inc.
Kennametal Inc.
Lovejoy Tool Co. Inc.
Marathon Specialty Steels Inc.
Marcoloy Inc.
Metallurgical Products Dept.
General Electric Co.
Newcomer Products Inc.
Sandvik Steel Inc.
Shwyder Chemical Metallurgy Corp.
Sid Tool Co. Inc.
Sintercast Div., Chromalloy Corp.
Spe-D-Cut Tool Co.
Sturdy Tool & Gage Co.
Tungsten Alloy Mfg. Co. Inc.
Unimet Carbides, Div. United-Greenfield Corp.
Union Twist Drill Co.
Valenite Metals Div., The
Valeron Corp.
Vascoloy-Ramet Corp.
Walmet Corp.
Wendt-Sonls Co.
Wesson Co.
Willey's Carbide Tool Co.

CARBIDES, MACHINABLE

Kasenit Co.
Sintercast Div., Chromalloy Corp.
Unimet Carbides, Div. United-Greenfield Corp.

CARBURIZING COMPOUNDS (See Compounds, Carburizing)

CAST ALLOY TOOL MATERIALS

Allegheny Ludlum Steel Corp.
Amer. Cutter & Engrg. Corp.
Black Drill Co. Inc.
Carbide Tool Co.
Crafts Co. Inc., Arthur A.
Darwin & Milner Inc.
DoAll Co., The
Haynes Stellite Co., Div.
Union Carbide Corp.
Jessop Steel Co.
U. S. Carbide Tool Inc.
Vascoloy-Ramet Corp.

CASTING EQUIPMENT, DIE

Advance Products Corp.
Erinac Equip. Corp.
Greenlee Bros. & Co.
Hones Inc., Charles A.
Kux Machine Co.
Pottstown Machine Co.
Reed Prentice Div., Package Machinery Co.
Royal Oak Tool & Machine Co., Grinder Div.
Sigma Machinery Inc.

CASTING EQUIPMENT, INVESTMENT

Hones Inc., Charles A.
Okun Co. Inc., A. L.

CEMENTS & ADHESIVES (See Adhesives & Cements)

CENTER DRILLS (See Drills, Center)

CENTERING MACHINES

Avey Div., Motch & Merryweather Machinery Co., The
Bedford Gear & Machine Products Inc.
Carney-Stansfield Co.
Columbia International Corp.
Ex-Cell-O Corp., Detroit
Hause Machines Inc.
Hebert Equip. Co.
Hypneumat Inc.
Motch & Merryweather Machinery Co., The
Pines Engrg. Co. Inc.
Seneca Falls Machine Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Swift Ohio Corp.

CENTERS, BENCH

Acme Scientific Co.
Acme Tool Corp.
Barber-Colman Co., Hobbing Machines & Cutting Tools
Brown & Sharpe Mfg. Co., Industrial Products Div.
Hardinge Brothers Inc.
Karniotis Precision Products Inc.
Lee Co., K. O.
Scherr-Tumico Co.
Snow Mfg. Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Swanson Erie Corp.
Swias Precision Tool Co.
Taft-Peirce Mfg. Co., The

CENTERS, DEAD, CARBIDE

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Carbide Tool Co.
Chicago-Latrobe
Crafts Co. Inc., Arthur A.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Falcon Tool Co.
Gorham Tool Co.
Hyper Tool Co.
Marathon Specialty Steels Inc.
Marcoloy Inc.
Metal Removal Co., The
Meyers Co., W. F.
Montgomery & Co. Inc.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg.
Ready Tool Co., The
Schmarje Tool Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Spe-D-Cut Tool Co.
Super Tool Co., Div. Van Norman Industries Inc.
Ultra Hard Metals Inc.
U. S. Carbide Tool Inc.

Vascoloy-Ramet Corp.
Wendt-Sonls Co.
Wesson Co.
Willey's Carbide Tool Co.

CENTERS, DEAD, STEEL

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Bultool Co., The
Chicago-Latrobe
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Falcon Tool Co.
Gorham Tool Co.
H B Tools
Hjorth Lathe & Tool Co.
J & S Tool Co. Inc.
Montgomery & Co. Inc.
Nielsen Inc.
Ready Tool Co., The
Rockford Engineered Products Co.
S-P Mfg. Corp., The
Scully-Jones & Co.

CENTERS, DRIVING

Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
F & D Tool Co. Inc.
Gorham Tool Co.
Ideal Industries Inc.
J & S Tool Co. Inc.
Lapointe Machine Co.
Montgomery & Co. Inc.
Ready Tool Co., The
Sutton Tool Co.

CENTERS, LIVE

Ace-Sycamore Inc.
Acme Tool Corp.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
Bolice-Crane Co.
Bultool Co., The
Carney-Stansfield Co.
Concentric Tool Corp.
Dakon Corp.
DoAll Co., The
Donley Products Inc., Jergens Div.
Halls Products Inc.
H B Tools
Ideal Industries Inc.
J & S Tool Co. Inc.
Lapointe Machine Co.
M.B.I. Export & Import Ltd.
Marvel Tool & Machine Co.
Melin Tool Co., The
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Nielsen Inc.
Nirol Mfg. Co.
Ready Tool Co., The
Rigid Products Co.
Rockford Engineered Products Co.
Scherr-Tumico Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
South Bend Lathe Inc.
Sturdimatic Tool Co.

CENTERS, LIVE, SPRING-LOADED

Acme Tool Corp.
Amer. Cutter & Engrg. Corp.
Bultool Co., The
Concentric Tool Corp.
J & S Tool Co. Inc.
Lapointe Machine Co.
Montgomery & Co. Inc.
Nirol Mfg. Co.
Ready Tool Co., The
Rigid Products Co.
S-P Mfg. Corp., The

CENTERS, SELF-ADJUSTING

Bultool Co., The
Concentric Tool Corp.
Industrial Tool Service
J & S Tool Co. Inc.
Marvel Tool & Machine Co.
Montgomery & Co. Inc.
Ready Tool Co., The

CENTERS, TOOLROOM

Amer. Cutter & Engrg. Corp.
Bultool Co., The

Concentric Tool Corp.
Enco Mfg. CO.
F & D Tool Co. Inc.
Hutchins Co., Roy A.
J & S Tool Co. Inc.
Marvel Tool & Machine Co.
Ready Tool Co., The
Rigid Products Co.
Schmarje Tool Co.
South Bend Lathe Inc.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Sutton Tool Co.

CERAMIC INSERTS (see Inserts, Ceramic)

CERAMIC OXIDES

Chainveyor Corp.
Gulton Industries Inc.
Marathon Specialty Steels Inc.
Metallurgical Products Dept., General Electric Co.
Norton Co., Refractories Div.
Stuplax Div., The
Carborundum Co.
Vascoloy-Ramet Corp.

CHAIN & SPROCKET DRIVES (see Drives, Chain & Sprocket)

CHAINS, DRIVE

Atlas Chain & Mfg. Co.
Boston Gear Works
Chain Belt Co.
Dodge Mfg. Corp.
Ferguson Gear Co.
Link-Belt Co.
Main & Sons Inc., Robert A.
Maurey Mfg. Corp.
Morris Chain Co.
Simonds Gear & Mfg. Co., The
Webb Co., Jervis B.

CHAMFERING TOOLS & COUNTERSINKS (see Counter- sinks & Chamfering Tools)

CHANGERS, SPEED

Allis-Chalmers Mfg. Co.
Allis Co., The
Custanite Corp.
Daco Instrument Co.
Foote Bros. Gear & Machine Corp.
General Electric Co., Apparatus Sales Div.
Gerbing Mfg. Corp.
Hewitt-Robins
Indiana Gear Works Inc.
Link-Belt Co.
Metron Instrument Co.
Montgomery & Co. Inc.
Sterling Electric Motors Inc.
Turner Uni-Drive Co.
Westinghouse Electric Corp.

CHARTS, OPTICAL, COMPARATOR

Bausch & Lomb Optical Co.
Capitol Reproductions Inc.
DoAll Co., The
Inspection Equip. Co.
Jones & Lamson Machine Co.
Nikon Inc.
Optical Gaging Products Inc.
Opto-Metric Tools Inc.
Projecto-Graph Instruments Corp.
Scherr-Tumico Co.
Universal Instrument Corp.
Weldon Tool Co., The

CHASERS, THREAD, RADIAL

Bachmann Co. Inc., Eric R.
Bay State Tap & Die Co.
Chase Tool Co. Inc.
Collins Machinery Corp.
Geometric-Horton, Div. United-Greenfield Corp.
Jones & Lamson Machine Co.
Ridge Tool Co., The
Royco Tap & Tool Corp.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Snap-on Tools Corp.
Toledo Pipe Threading Machine Co.

CHASERS, THREAD, TANGENTIAL

Bachmann Co. Inc., Eric R.
Chase Tool Co. Inc.

Eastern Machine Screw Corp.
Everard Tap & Die Corp.
Geometric-Horton, Div. United-
Greenfield Corp.
Hill Acme Co., The
Jones & Lamson Machine Co.
Landis Machine Co.
National Acme Co., The
Royco Tap & Tool Corp.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

**CHILLING MACHINES (see
Cold-Treating Equipment)**

CHIP BREAKERS

Armstrong Bros. Tool Co.
Boyar-Schultz Corp.
Carbide Tool Co.
Dayton Carbide Tool Co. Inc.
Everede Tool Co.
Hammond Machinery Builders
Inc.
Metallurgical Products Dept.
General Electric Co.
Newcomer Products Inc.
S & S Machinery Co.
Spe-D-Cut Tool Co.
Valenite Metals Div., The
Valeron Corp.
Vascoloy-Ramet Corp.
Wendt-Sonis Co.

CHIP SEPARATORS

B.S.A. Tools Ltd.
De Laval Separator Co., The
Gale Separator Co. Inc., Div.
Infileo Inc.
McKenzie Engrg. Co., The
Montgomery & Co. Inc.
Multifinish Mfg. Co.
Roto-Finish Co.
S & S Machinery Co.
Speed-D-Burr Corp.
Wendt-Sonis Co.

CHOPPERS, SCRAP

Automatic Feed Co.
Cooper Weymouth Inc.
Crafts Co. Inc., Arthur A.
Dickerman Mfg. Co., H. E.
Durant Tool Co.
Fanco Machine Co.
La Bahn Roll Feed Corp.
Mesta Machine Co.
Mitts & Merrill Inc.
Montgomery & Co. Inc.
S & S Machinery Co.
Tishken Products Co.

CHUCK JAWS

AA Gage Co., Design Engrg.
Div.
Amer. Cutter & Engrg. Corp.
Beaver Tool & Engrg. Corp.
Bedford Gear & Machine
Products Inc.
Buck Tool Co.
Carney-Stansfield Co.
Crodlan & Co.
Cushman Chuck Co., The
Dery & Sons Tool & Die Co.,
A. L.
Du Page Machine Co.
Gisholt Machine Co.
H B Tools
Horton Chuck Div., United-
Greenfield Corp.
Hufford Corp., The
Huron Machine Products Inc.
J & S Tool Co. Inc.
Jergens Tool Specialty Co.
Lapointe Machine Co.
Logansport Machine Co. Inc.
Lund Mfg. Co.
Morton Machine Works, Div.
Brubaker Tool Corp.
National Acme Co., The
New Britain Tool & Mfg. Co.
Inc.
Powergrip Inc.
S-P Mfg. Corp., The
Skinner Chuck Co., The
Snow Mfg. Co.
Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Standard Parts Co.
Supreme Products Corp.

Sutton Tool Co.
Tomco Inc.
Union Mfg. Co.
Universal Engrg. Co.
Wespo Div., Viler Engrg. Co.
Whiton Machine Co., The

**CHUCKING MACHINES (see
Screw Machines, Automatic)**

CHUCKS, BORING

Borel & Dunner
Buck Tool Co.
Crodlan & Co.
Cushman Chuck Co., The
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Garrison Machine Works Inc.
Hall Mfg. Co.
Horton Chuck Div., United-
Greenfield Corp.
Lapointe Machine Co.
Maxwell Industries Inc.
Montgomery & Co. Inc.
Neise, Karl A.
Powergrip Inc.
Skinner Chuck Co., The
Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Thompson Mfg. Co., Earl A.
Universal Engrg. Co.
Whiton Machine Co., The

CHUCKS, COLLET

A & C Engrg. Co. Inc.
Alina Corp.
Beaver Tool & Engrg. Corp.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Buckeye Tools Corp.
Carney-Stansfield Co.
Chi-Co Inc.
Cincinnati Milling & Grinding
Machines Inc.
Cleveland Automatic Machine
Co., The
Criterion Machine Works
Crodlan & Co.
Cushman Chuck Co., The
Derbyshire Inc., F. W.
Drewco Corp.
Dunham Tool Co. Inc., The
Erickson Tool Co.
Foredom Electric Co. Inc.
Garrison Machine Works Inc.
Gisholt Machine Co.
Hall Mfg. Co.
Hardinge Brothers Inc.
Hudson Automatic Machine &
Tool Co.
Jacobs Mfg. Co., The
Lapointe Machine Co.
Lee Co., K. O.
Logansport Machine Co. Inc.
Mayes Tool Co.
Mico Instrument Co.
Montgomery & Co. Inc.
Precision Processing Co.
Redner Air Devices
Rigid Products Co.
Ritmar Corp.
S-P Mfg. Corp., The
Sheffer Collet Co.
Speedgrip Chuck, Div. Ernest
Holdeman & Collet Inc.
Standard Tool & Mfg. Co.
Sutton Tool Co.
Thompson Mfg. Co., Earl A.
Thurston Mfg. Co.
Tree Tool & Die Works
Universal Engrg. Co.
Warner & Swasey Co.
Woodworth Co., N. A.

**CHUCKS, COMBINATION
UNIVERSAL-INDEPENDENT**

Alina Corp.
Buck Tool Co.
Carney-Stansfield Co.
Cushman Chuck Co., The
Garrison Machine Works Inc.
Horton Chuck Div., United-
Greenfield Corp.
L-W Chuck Co.
Lapointe Machine Co.
Skinner Chuck Co., The
Union Mfg. Co.

Whiton Machine Co., The

CHUCKS, COMPENSATING

A & C Engrg. Co. Inc.
Buck Tool Co.
Cushman Chuck Co., The
Logansport Machine Co. Inc.
Powergrip Inc.
S-P Mfg. Corp., The
Skinner Chuck Co., The
Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Union Mfg. Co.
Whiton Machine Co., The
Woodworth Co., N. A.

CHUCKS, DIAPHRAGM

A & C Engrg. Co. Inc.
Erickson Tool Co.
Garrison Machine Works Inc.
Sheffer Collet Co.
Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Sutton Tool Co.
Woodworth Co., N. A.

CHUCKS, DRILL

AMF Tool Div., Amer. Machine
& Foundry Co.
Alina Corp.
B & W Precision Products Corp.
Beaver Tool Co.
Beaver Tool & Engrg. Corp.
Black & Decker Mfg. Co., The
Borel & Dunner
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Buckeye Tools Corp.
Carney-Stansfield Co.
Drewco Corp.
Erickson Tool Co.
Foredom Electric Co. Inc.
Jacobs Mfg. Co., The
Lee Co., K. O.
Logansport Machine Co. Inc.
M. B. I. Export & Import Ltd.
Millers Falls Co.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Ritmar Corp.
Scully-Jones & Co.
Sid Tool Co. Inc.
Skill Corp.
Snap-on Tools Corp.
Supreme Products Corp.
Universal Engrg. Co.
Warner & Swasey Co.

CHUCKS, DRILL STOP

Drewco Corp.
Erickson Tool Co.
Scully-Jones & Co.
Universal Engrg. Co.
Wohlin Products Inc.

CHUCKS, FULL-FLOATING

Buck Tool Co.
Drewco Corp.
Erickson Tool Co.
Falcon Tool Co. (Kwiklok)
Powergrip Inc.
S-P Mfg. Corp., The
Scully-Jones & Co.
Union Mfg. Co.
Universal Engrg. Co.
Watts Brothers Tool Inc.
Waukesha Cutting Tools Inc.

CHUCKS, GEAR

A & C Engrg. Co. Inc.
Buck Tool Co.
Crodlan & Co.
Cushman Chuck Co., The
Drewco Corp.
Erickson Tool Co.
Garrison Machine Works Inc.
Lemaire Machine Tool Co.
Speedgrip Chuck, Div. Ernest-
Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Supreme Products Corp.
Whiton Machine Co., The
Woodworth Co., N. A.

CHUCKS, GRINDING

A & C Engrg. Co. Inc.
Abrasive Assoc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.

Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Buck Tool Co.
Chi-Co Inc.
Cortland Grinding Wheels
Corp.
Crodlan & Co.
Cushman Chuck Co., The
Drewco Corp.
Electroforce Inc.
Erickson Tool Co.
Garrison Machine Works Inc.
Hall Mfg. Co.
Hanchett Magna-Lock Corp.,
Magna-Lock Inc.
Horton Chuck Div.
Lindgren & Sons Machine Inc.
M & M Tool & Mfg. Co.
Norton Co., Abrasive Div.
Powergrip Inc.
Rogers & Co. Inc., Samuel C.
S-P Mfg. Corp., The
Skinner Chuck Co., The
Speedgrip Chuck, Div. Ernest
Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Sterling Grinding Wheel Co.
Taft-Pierce Mfg. Co., The
Thompson Mfg. Co., Earl A.
Union Mfg. Co.
Woodworth Co., N. A.

CHUCKS, INDEPENDENT-JAW

Alina Corp.
B.S.A. Tools Ltd.
Barer Engrg. & Machinery Co.
Ltd.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Carney-Stansfield Co.
Cushman Chuck Co., The
Garrison Machine Works Inc.
Gisholt Machine Co.
Horton Chuck Div., United-
Greenfield Corp.
L-W Chuck Co.
Lapointe Machine Co.
Montgomery & Co. Inc.
Sid Tool Co. Inc.
Skinner Chuck Co., The
Sutton Tool Co.
Union Mfg. Co.
Whiton Machine Co., The

CHUCKS, INDEXING-FIXTURE

AA Gage Co., Design Engrg.
Div.
A & C Engrg. Co. Inc.
Carney-Stansfield Co.
Crodlan & Co.
Cushman Chuck Co., The
Garrison Machine Works Inc.
Gisholt Machine Co.
Hartford Special Machinery
Co.
Lapointe Machine Co.
Neise, Karl A.
Skinner Chuck Co., The
Smith & Son Inc., James
Speedgrip Chuck, Div. Ernest
Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Union Mfg. Co.
Universal Vise & Tool Co.
Warner & Swasey Co.
Woodworth Co., N. A.
Zagar Inc.

CHUCKS, LATHE, MANUAL

A & C Engrg. Co. Inc.
AMF Tool Div., American
Machine & Foundry Co.
Acme Tool Corp.
Alina Corp.
Barer Engrg. & Machinery
Co. Ltd.
Bentley Industrial Corp.
Buck Tool Co.
Carney-Stansfield Co.
Crodlan & Co.
Cushman Chuck Co., The
Drewco Corp.
Gisholt Machine Co.
Horton Chuck Div., United-
Greenfield Corp.
Jacobs Mfg. Co., The
Lapointe Machine Co.
Sid Tool Co. Inc.
Skinner Chuck Co., The

PRODUCTS

CHUCKS, LATHE, MANUAL (cont.)

Speedgrip Chuck, Div., Ernest-Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Union Mfg. Co.
Whiton Machine Co., The
Zagar Inc.

CHUCKS, LATHE, POWER

A & C Engrg. Co. Inc.
Barer Engrg. & Machinery Co. Ltd.
Buck Tool Co.
Carney-Stansfield Co.
Crodon & Co.
Cushman Chuck Co., The
Dreweco Corp.
Gisholt Machine Co.
Lapointe Machine Co.
Logansport Machine Co. Inc.
Powergrip Inc.
S-P Mfg. Corp., The
Sid Tool Co. Inc.
Skinner Chuck Co., The
Speedgrip Chuck, Div., Ernest-Holdeman & Collet Inc.
Stace-Allen Chuck Inc.
Union Mfg. Co.
Warner & Swasey Co.
Whiton Machine Co., The
Woodworth Co., N. A.

CHUCKS, MAGNETIC

Acme Tool Corp.
Alina Corp.
B.S.A. Tools Ltd.
Bald Eagle Corp.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Hanchett Magna-Lock Corp.
Magna-Lock Inc.
L-W Chuck Co.
M & M Tool & Mfg. Co.
Magnetic Holding Devices
Montgomery & Co. Inc.
Multifinish Mfg. Co.
Penn Scientific Products Co.
Sid Tool Co. Inc.
Standard Portable Cord Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Super-Cut Inc., Goleconda Corp.
Taft-Peirce Mfg. Co., The
Walker Co. Inc., O. S.

CHUCKS, PNEUMATIC

Gisholt Machine Co.

CHUCKS, QUICK-CHANGE

AMF Tool Div., Amer. Machine & Foundry
B.S.A. Tools Ltd.
Beaver Tool & Engrg. Corp.
Carney-Stansfield Co.
Chi-Co Inc.
Dreweco Corp.
Erickson Tool Co.
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Hardinge Bros. Inc.
Jacobs Mfg. Co., The
Jones & Lamson Machine Co.
M.B.I. Export & Import Ltd.
McCroskey Tool Corp.
Mohawk File & Tool Co.
Procunier Safety Chuck Co.
Scully-Jones & Co.
Seibert & Sons Inc.
Sid Tool Co. Inc.
Titan Tool Co.
Universal Engrg. Co.

CHUCKS, SCROLL

Alina Corp.
B.S.A. Tools Ltd.
Barer Engrg. & Machinery Co. Ltd.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Buck Tool Co.
Carney-Stansfield Co.
Cushman Chuck Co., The
Gisholt Machine Co.

Horton Chuck Div., United-Greenfield Corp.
Lindgren & Sons Machine Inc.
Montgomery & Co. Inc.
Sid Tool Co. Inc.
Skinner Chuck Co., The
Union Mfg. Co.
Warner & Swasey Co.
Whiton Machine Co., The

CHUCKS, TAPPING

B.S.A. Tools Ltd.
Boice-Crane Co.
Carney-Stansfield Co.
Davis Div., Giddings & Lewis Machine Tool Co.
Dreweco Corp.
Erickson Tool Co.
Errington Mechanical Lab. Inc.
Etico Tool & Machine Co. Inc.
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Jacobs Mfg. Co., The
Mohawk File & Tool Co.
Procunier Safety Chuck Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Supreme Products Corp.
Universal Engrg. Co.

CHUCKS, VACUUM

Cushman Chuck Co., The
Dunham Tool Co. Inc., The
Hanchett Magna-Lock Corp.
Magna-Lock Inc.
Magnetic Holding Devices
Onsrud Machine Works Inc.
Orvan Products Inc.
Portomag Inc.
Walker Co. Inc., O. S.

CHUCKS, WRENCHLESS

Crodon & Co.
Hall Mfg. Co.
Hardinge Brothers Inc.
Horton Chuck Div., United-Greenfield Corp.
Jacobs Mfg. Co., The
Lee Co., K. O.
Mohawk File & Tool Co.
Powergrip Inc.
S-P Mfg. Corp., The
Skinner Chuck Co., The
Stace-Allen Chuck Inc.
Union Mfg. Co.

CIRCULAR SAW BLADES

(see Blades, Saw, Circular)

CLAMP ASSEMBLIES

Acme-Danneman Co. Inc.
Burklyn Co.
Carr Lane Mfg. Co.
Cincinnati Tool Co., The
Detroit Stamping Co.
Hi-Lo Products Co., Div.
Steel City Testing Machines Inc.
J & S Tool Co. Inc.
Jergens Tool Specialty Co.
Lapeer Mfg. Co.
Lodding Inc.
Mechanics Engrg. Co. Inc.
Monroe Engrg. Products Inc.
Montgomery & Co. Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Petch Mfg. Co.
Siewek Tool Co.
Standard Parts Co.
Tietzmann Tool Corp.
Tomco Inc.
Ty-Sa-Man Machine Co. Inc.
Universal Engrg. Co.
Universal Vise & Tool Co.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Wespo Div., Vlier Engrg. Co.

CLAMP DOGS

Acorn Iron & Supply Co.
Armstrong Bros. Tool Co.
Billings & Spencer Co., The.
Burklyn Co.
Cincinnati Tool Co., The
Custanite Corp.
PIC Design Corp.
Tomco Inc.
Williams & Co., J. H.

CLAMPING LEVERS

Acme-Danneman Co. Inc.
Detroit Stamping Co.
Lodding Inc.
Machine & Tool Accessories Co.
Montgomery & Co. Inc.
Siewek Tool Co.
Tomco Inc.

CLAMPS, AIR-OPERATED

Acme-Danneman Co. Inc.
Airmatic Valve Inc.
Allenair Corp.
Bellows-Valvair, Div. IBEC
Burklyn Co.
Carter Controls Inc.
Case Maul Mfg. Co. Inc.
Conforming Matrix Corp.
Detroit Stamping Co.
Heinrich Tools Inc.
I.S.I. Mfg. Inc.
Lapeer Mfg. Co.
Montgomery & Co. Inc.
Schrader's Son, A., Div. Scovill Mfg. Co. Inc.
Sheffer Corp., The
Wespo Div., Vlier Engrg. Co.
Wilton Tool Mfg. Co. Inc.
Winslow Products Engrg.
Woodworth Co., N. A.

CLAMPS, CAM

Acme-Danneman Co. Inc.
Billings & Spencer Co., The
Carr Lane Mfg. Co.
Harco Engrg.
Heinrich Tools Inc.
I.S.I. Mfg. Co. Inc.
Jergens Tool Specialty Co.
Lapeer Mfg. Co.
Lodding Inc.
Monroe Engrg. Prod. Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Onsrud Machine Works, Inc.
Siewek Tool Co.
Standard Parts Co.
Tomco Inc.
Universal Engrg. Co.
Wespo Div., Vlier Engrg. Co.

CLAMPS, MECHANIC'S

Adjustable Clamp Co.
Armstrong Bros. Tool Co.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Cincinnati Tool Co., The
Detroit Stamping Co.
Durant Tool Co.
General Hardware Mfg. Co. Inc.
Hi-Lo Products Co., Div. Steel City Testing Machine
J & S Tool Co., Inc.
Jergens Tool Specialty Co.
Lapeer Mfg. Co.
Mechanics Engrg. Co. Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Petersen Mfg. Co. Inc.
Precision Tool & Mfg. Co.
Saxton Mfg. Co., Saurenman Co. Inc.
Sid Tool Co. Inc.
Standard Shop Equipment Co.
Tomco Inc.
Universal Vise & Tool Co.

CLAMPS, SPLIT-COUPLING

Dynamic Gear Co. Inc.

CLAMPS, SPRING-LOADED

Acme-Danneman Co. Inc.
Adjustable Clamp Co.
Cincinnati Tool Co., The
Custanite Corp.
Detroit Stamping Co.
General Hardware Mfg. Co. Inc.
Grand Specialties Co.
Harco Engineering
Hunter Spring Co. Div., Amer. Machine & Metal Inc.
Lapeer Mfg. Co.
Monroe Engrg. Products Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Onsrud Machine Works, Inc.
Pioneer Aluminum Inc.
Siewek Tool Co.
Tomco Inc.
Wespo Div., Vlier Engrg. Co.

CLAMPS, TOGGLE

Acme-Danneman Co. Inc.
Adjustable Clamp Co.
Case Maul Mfg. Co. Inc.
Commercial Shearing & Stamping Co.
Custanite Corp.
Danly Machine Specialties Inc.
Detroit Stamping Co.
Grand Specialties Co.
I.S.I. Mfg. Inc.
Jergens Tool Specialty Co.
Lapeer Mfg. Co.
Montgomery & Co. Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Onsrud Machine Works, Inc.
Petersen Mfg. Co. Inc.
Standard Parts Co.
Universal Engrg. Co.
Wespo Div., Vlier Engrg. Co.
Wolverine Tool Co.

CLEANING COMPOUNDS

(see Compounds, Cleaning)

CLEANING EQUIPMENT, DIP TANK

Alsoop Engrg. Corp.
Blakeslee & Co., G. S.
Circo Equip. Co.
Conforming Matrix Corp.
Del's Tumbling Service
Detrex Chemical Industries Inc.
DeVilbiss Co., The
Graymills Corp.
Industrial Systems Co.
Magnus Chemical Co. Inc.
Mahon Co., The R. C.
Mesta Machine Co.
Pennsalt Chemicals Corp.
Roto-Finish Co.

CLEANING EQUIPMENT, ELECTROCHEMICAL

Allied Research Products Inc.
Amer. Smelting & Refining Co.
Blakeslee & Co., G. S.
Detrex Chemical Industries Inc.
Mesta Machine Co.
Udylite Corp., The

CLEANING EQUIPMENT, VAPOR SPRAY

Blakeslee & Co., G. S.
Circo Equip. Co.
Clementina Ltd.
Curtiss-Wright Corp., Princeton Div.
Detrex Chemical Industries Inc.
DeVilbiss Co., The
Eclipse Fuel Engrg. Co.
Kelite Corp.
National Ultrasonic Corp.
Oakite Products Inc.
Pennsalt Chemicals Corp.
Vapor Blast Mfg. Co.

CLEANING EQUIPMENT, ULTRASONIC

Acoustics Assoc. Inc.
Alsoop Engrg. Corp.
Blakeslee & Co., G. S.
Branson Instruments Inc.
Carney-Stansfield Co.
Circo Equip. Co.
Curtiss-Wright Corp., Princeton Div.
Detrex Chemical Industries Inc.
Erimac Equip. Corp.
Gulton Industries Inc.
Harris Transducer Corp., Subsidiary General Instrument Corp.
National Ultrasonic Corp.
Ultrasonic Industries Inc.
Westinghouse Electric Corp.
Westinghouse Electric Corp.
Industrial Electronics Dept.

CLOSERS, COLLET (see Collet Closers)

CLUTCH & BRAKE MECHANISMS, PRESS

Bliss Co., E. W.
Brown Boggs Foundry & Machine Co. Ltd.

Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Co., The
Cycledynamics Inc.
Danyl Machine Specialties Inc.
Federal Machine & Welder Co.
General Automation Corp.
Minster Machine Co., The
Warner Electric Brake & Clutch Co.

CLUTCH CONTROLS, PRESS

Bliss Co., E. W.
Clark Controller Co., The
Federal Machine & Welder Co.
General Automation Corp.
Minster Machine Co., The
Warner Electric Brake & Clutch Co.

CLUTCH-RELEASE MECHANISMS, PRESS

Bliss Co., E. W.
General Automation Corp.
Hilliard Corp., The

CLUTCHES, CENTRIFUGAL

Conway Clutch Co., The
Hilliard Corp., The
Morse Chain Co.
Western Gear Corp.

CLUTCHES, EDDY-CURRENT

Allis Co., The Louis
Eaton Mfg. Co.
General Electro Mechanical Corp.

CLUTCHES, ELECTRICAL

Amer. Rectifier Corp.
Cycledynamics Inc.
Eaton Mfg. Co.
General Electric Co., Apparatus Sales Div.
General Electro Mechanical Corp.
Simplatrol Products Corp.
Twin Disc Clutch Co.
Warner Electric Brake & Clutch Co.
Western Gear Corp.

CLUTCHES, FRICTION TYPE

Bliss Co., E. W.
Brown Engrg. Co.
Carney-Stansfield Co.
Cleveland Punch & Shear Works Co., The
Conway Clutch Co., The
Cycledynamics Inc.
Daco Instrument Co.
Danyl Machine Specialties Inc.
Defendorf Gear Corp.
Dodge Mfg. Corp.
Dynamic Gear Co. Inc.
Eaton Mfg. Co.
Federal Machine & Welder Co.
Flaton Machine Works Inc.
General Electro Mechanical Corp.
Hilliard Corp., The
Link-Belt Co.
Minster Machine Co., The
Morse Chain Co.
Rockford Clutch Div., Borg-Warner Corp.
Sargent Engrg. Corp.
Simplatrol Products Corp.
Thermoid Div., H. K. Porter Co. Inc.
Twin Disc Clutch Co.
Warner Electric Brake & Clutch Co.
Western Gear Corp.
Zero-Max Co., The

CLUTCHES, MAGNETIC

Actuator Products, Geartronics Corp. Div.
Airborne Accessories Corp.
Allis Co., The Louis
Amer. Rectifier Corp.
Cycledynamics Inc.
Daco Instrument Co.
Eaton Mfg. Co.
Electro-Mation Assoc.
Fawick Airflex Co.

General Electro Mechanical Corp.
I-T-E Circuit Breaker Co.
Kearfott Div., General Precision Inc.
Marathon Specialty Steels Inc.
PIC Design Corp.
Simplatrol Products Corp.
Twin Disc Clutch Co.
Warner Electric Brake & Clutch Co.

CLUTCHES, MAGNETIC-PARTICLE

Eaton Mfg. Co.
General Electro Mechanical Corp.

CLUTCHES, MECHANICAL

Actuator Products, Geartronics Corp. Div.
Bliss Co., E. W.
Brown Engrg. Co.
Cleveland Punch & Shear Works Co., The
Conway Clutch Co., The
Cycledynamics Inc.
Daco Instrument Co.
Danyl Machine Specialties Inc.
Dodge Mfg. Corp.
Dynamic Gear Co. Inc.
Eaton Mfg. Co.
Flaton Machine Works Inc.
Gear Specialties Inc.
Gleason Works
Hilliard Corp., The
Rochester Bevel Gear Co.
Rockford Clutch Div., Borg-Warner Corp.
Scully-Jones & Co.
Twin Disc Clutch Co.
Zero-Max Co., The

CLUTCHES, PNEUMATIC

Benchmark Mfg. Co.
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Co., The
Conway Clutch Co., The
Danyl Machine Specialties Inc.
Fawick Airflex Co.
Federal Machine & Welder Co.
Minster Machine Co., The
Rockford Clutch Div., Borg-Warner Corp.
Sargent Engrg. Corp.
Thor Power Tool Co.
Twin Disc Clutch Co.

CLUTCHES, TORQUE CONTROL

Flaton Machine Works Inc.

COATING EQUIPMENT, FUSED (see Fused Coating Equipment)

COATING PRESERVATIVE EQUIPMENT (see Preservative Coating Equipment)

COATINGS, PHOSPHATE (see Phosphate Coating Equipment)

COATINGS, PLASTIC

Amer. Metaseal of Detroit
Armstrong Products Co.
Devcon Corp.
Crafts Co. Inc., Arthur A.
Electro-Mation Assoc.
Fidelity Chemical Products Corp.
Formica Corp.
Furane Plastics Inc.
Garlock Packing Co., The
Johns-Manville Sales Corp.
Kerns Co., L. R.
Marbette Corp., The
Montgomery & Co. Inc.
Okun Co. Inc., A. L.
Polymer Corp., The
Ren Plastics Inc.
Rezolin Inc.
Seal-Peel Inc.
U. S. Gypsum Co.
Western Coating Co.
Wilbur & Williams Co. Inc.

COATINGS, PROTECTIVE (see Solutions, Protective Coating)

COATING THICKNESS TESTERS

Amer. Instrument Co. Inc.
Ames Co., B. C.
B.S.A. Tools Ltd.
Branson Instruments Inc.
Circu Equip. Co.
Decker Corp., The
Designers for Industry
Electro-Mation Assoc.
Tracerlab, Inc.
Testing Machines Inc.
Unit Process Assemblies Inc.
Zeiss Inc., Carl

COIL CRADLES (see Cradles)

COIL-WINDING MACHINES

Assoc. Amer. Winding Machinery
Automatic Feed Co.
Barth Corp., The
Boesch Mfg. Co. Inc.
Coll Winding Equip. Co.
Eisler Engrg. Co. Inc.
Erinac Equip. Corp.
Gulton Industries Inc.
Inter-Lakes Engrg. Co.
Mico Instrument Co.
Yoder Co., The

COIL-WRAPPING MACHINES

Boesch Mfg. Co. Inc.

COILERS, SPRING

Advance Car Mover Co. Inc.
Boesch Mfg. Co. Inc.
Curvit Div., Macodyne Corp.
Hjorth Lathe & Tool Co.
Montgomery & Co. Inc.
Sigma Machinery Inc.

COLD-HEADING MACHINES (see Headers, Cold)

COLD-TREATING EQUIPMENT

Cincinnati Sub Zero Products
Curtis Mfg. Co., Pneumatic Div.
Electric Hotpack Co. Inc.
Frostrode Div., Warren Alloy
Harris Refrigeration Co.
Platecoil Div., Tranter Mfg. Inc.
Tenney Engrg. Inc.

COLLARS, SPACING

Amer. Cutter & Engrg. Corp.
Beaver Tool & Engrg. Corp.
Bond Co., Charles
Bushings Inc.
Detroit Stamping Co.
F & D Tool Co. Inc.
Gairing Tool Co.
Hammond Machinery Builders, Inc.
Link-Belt Co.
Montgomery & Co. Inc.
Renewal Service Inc.
Scully-Jones & Co.
Standard Pressed Steel Co.
Sutton Tool Co.
Wapakoneta Machine Co., The
Wood's Sons Co., T. B.

COLLECTOR RINGS

Wesche Electric Co., The B. A.

COLLECTORS, MIST

Aget Mfg. Co.
Cincinnati Electrical Tool Co., The
DeVilbiss Co., The
Dollinger Corp.
Hammond Machinery Builders Inc.
Hisey-Wolf Machine Co., The
Kirk & Blum Mfg. Co.
Mahon Co., The R. C.
Pangborn Corp.
Terit Mfg. Co.

COLLET ADAPTERS

Beaver Tool Co.

Beaver Tool & Engrg. Corp.
Benco Collet Mfg. Co.
Bridgeport Machines Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Butterfield Div., Union Twist Drill Co.
Chi-Co. Inc.
Cincinnati Milling & Grinding Machines Inc.
Cleveland Automatic Machine Co., The
Crozier Machine Tool Co.
Cushman Chuck Co., The
Drewco Corp.
Felker Mfg. Co.
Foster Gage Corp., C. E.
Hall Mfg. Co.
Hawkeye Specialty Co.
Knapp Industries, B. L.
Montgomery & Co. Inc.
Precision Processing Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Sutton Tool Co.
Tree Tool & Die Works
Union Twist Drill Co.
Universal Engrg. Co.

COLLECT CHUCKS (See Chucks, Collet)

COLLET CLOSERS

Acme Industrial Co.
Allen Collet Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Crozier Machine Tool Co.
Cushman Chuck Co., The
Drewco Corp.
Dunham Tool Co. Inc., The
Hall Mfg. Co.
Hjorth Lathe & Tool Co.
Modernair Corp.
Powergrip Inc.
Precision Processing Co.
South Bend Lathe Inc.
Sutton Tool Co.
Wilson Air Collet, Closer Inc.

COLLET-HOLDING DEVICES

Chi-Co. Inc.
Crozier Machine Tool Co.
Drewco Corp.
Dunham Tool Co. Inc., The
Hardinge Brothers Inc.
Hjorth Lathe & Tool Co.
Mead Specialties Co.
Montgomery & Co. Inc.
Rigid Products Co.
Rouse & Co., H. B.
S-P Mfg. Corp., The
Speedgrip Chuck, Div. Ernest Holdeman & Collet Inc.
Sutton Tool Co.
Wohlin Products Inc.
Woodworth Co., N. A.
Zagar Inc.

COLLET STOPS

Knapp Industries, B. L.

COLLETS, EJECTORS

Allen Collet Mfg. Co.
Benco Collet Mfg. Co.
Chi-Co. Inc.
Detterbeck Co., L. G.
Dunham Tool Co. Inc., The
Hardinge Bros. Inc.
Sutton Tool Co.

COLLETS, FREE-FLOATING

Drewco Corp.
S-P Mfg. Corp., The
Speedgrip Chuck, Div. Ernest Holdeman & Collet Inc.
Sutton Tool Co.

COLLETS, GENERAL

Allen Collet Mfg. Co.
B.S.A. Tools Ltd.
Beaver Tool & Engrg. Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chi-Co. Inc.
Crozier Machine Tool Co.
Cushman Chuck Co., The

PRODUCTS

COLLETS, GENERAL (cont.)

Hall Mfg. Co.
Hardinge Bros. Inc.
Hawkeye Specialty Co.
Hjorth Lathe & Tool Co.
Montgomery & Co. Inc.
Onsrud Machine Works Inc.
Rivett Lathe & Grinder Inc.
S-P Mfg. Corp., The
Sheffer Collet Co.
Sid Tool Co., Inc.
South Bend Lathe Inc.
Sutton Tool Co.
Waltham Machine Works Inc.
Woodworth Co., N. A.

COLLETS, INTERNAL

A & C Engrg. Co. Inc.
Chi-Co Inc.
Drewco Corp.
Dunham Tool Co. Inc., The
Foster Gage Corp., C. E.
Hardinge Bros. Inc.
Hjorth Lathe & Tool Co.
Precision Processing Co.
Rivett Lathe & Grinder Inc.
S-P Mfg. Corp., The
Sheffer Collet Co.
Sutton Tool Co.

COLLETS, MASTER & PAD

A & C Engrg. Co. Inc.
Allen Collet Mfg. Co.
Benco Collet Mfg. Co.
Crozier Machine Tool Co.
Cushman Chuck Co., The
Drewco Corp.
Dunham Tool Co., Inc., The
Hardinge Bros. Inc.
National Acme Co., The
S-P Mfg. Corp., The
Sheffer Collet Co.
Sutton Tool Co.
Zagar Inc.

COLLETS, SPRING

Allina Corp.
Allen Collet Mfg. Co.
B.S.A. Tools Ltd.
Benco Collet Mfg. Co.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Chi-Co Inc.
Crozier Machine Tool Co.
Deakin & Son, J. A.
Drewco Corp.
Hall Mfg. Co.
Hardinge Bros. Inc.
Hawkeye Specialty Co.
Hjorth Lathe & Tool Co.
Levin & Son Inc., Louis
Loeffel Co. Inc., The Arthur
Rigid Products Co.
Rivett Lathe & Grinder Inc.
Sheffer Collet Co.
Sutton Tool Co.
Waltham Machine Works Inc.

COLLIMATORS

E P I C Inc.
Engis Equip. Co.
Nikon Inc.
Opto-Metric Tools Inc.
Scherr-Tumico Co.
Sutton Tool Co.
Zeiss Inc., Carl

COLUMBIUM

Universal-Cyclops Steel Corp.

COMBINED DRILL & COUNTERSINKS

Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
Butterfield Div., Union Twist
Drill Co.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
DoAll Co., The
Ford Mfg. Co. Inc., M. A.
Gairing Tool Co.
Hunt's Grinding & Mfg.
Link Engrg. Co.
Mohawk File & Tool Co.
Precision Twist Drill &
Machine Co.
Providence Tool Co. Inc.

Threadwell Tap & Die Co.
Union Twist Drill Co.
Waukegan Quality Tool Works

COMPARATORS, AIR

Allina Corp.
Boice Gages Inc.
Federal Products Corp.
Johansson Gage Co., C. E.
Moore Products Co.
Pratt & Whitney Co. Inc.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The

COMPARATORS, DIAL

Allina Corp.
Bedford Gear & Machine
Products Inc.
Boice Gages Inc.
Borel & Dunner
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Davis Gage & Engrg. Co., A. G.
Electro-Autosizing Machine
Corp.
Ercona Corp.
Federal Products Corp.
Jerpak Bayless Co.
Johansson Gage Co., C. E.
Mahr Gage Co. Inc.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Mueller Gages Co.
Opto-Metric Tools Inc.
Petz-Emery Inc.
Pratt & Whitney Co. Inc.
Rocheleau Tool & Die Co. Inc.
S & S Machinery Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Snow Mfg. Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Swedish Gage Co.
Swiss Precision Tool Co.
Taper Micrometer Corp.

COMPARATORS, ELECTRICAL

Allina Corp.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
DoAll Co., The
Electro-Autosizing Machine Corp.
Electro-Mation Assoc.
Engis Equip. Co.
Federal Products Corp.
Johansson Gage Co., C. E.
Mahr Gage Co. Inc.
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Taper Micrometer Corp.

COMPARATORS, ELECTRONIC

Airborne Instruments Lab, Div.
Cutler-Hammer Inc.
Allina Corp.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Brush Instruments, Div.
Clevite Corp.
Cleveland Instrument Co.
Decker Corp., The
Dice Co., J. W.
DoAll Co., The
Electro-Autosizing Machine Co.
Electro-Mation Assoc.
Federal Products Corp.
General Radio Co.
Industrial Electronics
Magnaflex Corp.
Mahr Gage Co. Inc.
Pratt & Whitney Co. Inc.
RCA Industrial & Machine Tool
Operations
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Taper Micrometer Corp.

Unit Process Assemblies Inc.
USI Robodyne Div., U. S.
Industries Inc.

COMPARATORS, MECHANICAL

Allina Corp.
Amer. Diamond Tool & Gauge
Amer. Slip Corp.
Davis Gage & Engrg. Co., A. G.
DoAll Co., The
Engis Equip. Co.
Ercona Corp.
Federal Products Corp.
Jerpak Bayless Co.
Ercona Corp.
Federal Products Corp.
Jerpak Bayless Co.
Johansson Gage Co., C. E.
Mahr Gage Co. Inc.
Mueller Gages Co.
Opto-Metric Tools Inc.
Petz-Emery Inc.
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Starrett Co., The L. S.
Sunnen Service Corp.
Swedish Gage Co.
Swiss Precision Tool Co.
Taper Micrometer Corp.

COMPARATORS, OPTICAL

Acme Scientific Co.
Allina Corp.
Amer. Slip Corp.
Bausch & Lomb Optical Co.
Covel Mfg. Co.
Custanite Corp.
Deakin & Son, J. A.
DoAll Co., The
Electro-Mation Assoc.
Engis Equip. Co.
Ercona Corp.
Ex-Cell-O Corp., Detroit
Gaertner Scientific Corp.
Hudson Automatic Machine &
Tool Co.
Johansson Gage Co., C. E.
Jones & Lamson Machine Co.
Morse Co., H. E.
Nikon Inc.
Optical Gaging Products Inc.
Opto-Metric Tools Inc.
Parker-Hartford Corp., The
Projecto-Graph Instruments
Royal Oak Tool & Machine Co.,
Grinder Div.
S & S Machinery Co.
Scherr-Tumico Co.
Stocker & Yale Inc.
Swiss Precision Tool Co.
Zeiss Inc., Carl

COMPARATORS, POCKET

Bausch & Lomb Optical Co.
Custanite Corp.
DoAll Co., The
Federal Products Corp.
Finescale Co.
Last Word Sales Co.
Montgomery & Co. Inc.
Scherr-Tumico Co.
Starrett Co., The L. S.
Swiss Precision Tool Co.

COMPARATORS, TAPER

Bausch & Lomb Optical Co.
Electro-Autosizing Machine
Corp.
Federal Products Corp.
Montgomery & Co. Inc.
Mueller Gages Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Starrett Co., The L. S.
Taper Micrometer Corp.
Zeiss Inc., Carl

COMPARATORS, THREAD

Bausch & Lomb Optical Co.
Electro-Autosizing Machine
Corp.
Federal Products Corp.
Johansson Gage Co.
Johnson Gage Co.
Mahr Gage Co. Inc.
Opto-Metric Tools Inc.
Pratt & Whitney Co. Inc.

Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Stocker & Yale Inc.
Swedish Gage Co.
Zeiss Inc., Carl

COMPOUNDS, BARREL-FINISHING

Abbott Ball Co., The
Almco Queen Products, Div.
King-Seely Corp.
B. M. T. Mfg. Co.
Barton Mines Corp.
Carborundum Co., The
Del's Tumbling Service
Eabec Corp., The
Fidelity Chemical Products Corp.
Casalbi Co.
Grav-I-Flo Corp., The
Houghton & Co., E. F.
Kellite Corp.
Kramer Co. Inc., H. W.
Lord Chemical Corp., Subsidiary
Wheelabrator Corp.
Magnus Chemical Co. Inc.
Metal & Thermit Corp.
Mido Products
Minn. Mining & Mfg. Co.
Mobil Oil Co.
Oakite Products Inc.
Roto-Finish Co.
Speed-D-Burr Corp.

COMPOUNDS, CARBURIZING

Aldridge Industrial Oils Inc.
Eutectic Welding Alloys Corp.
Houghton & Co., E. F.
Kasenit Co.
Markal Co.
Metal Lubricants Co.
Sansone & Son Inc., Henry E.

COMPOUNDS, CLEANING

Anchem Products Inc.
Amer. Smelting & Refining Co.
Barco Chemical Products Co.
Barton Mines Corp.
Bruce Products Corp.
Circo Equip. Co.
Cliff Sales Co.
Continental Oil Co.
Del's Tumbling Service
Detrex Chemical Industries Inc.
Diversey Corp., The
Eabec Corp., The
Fidelity Chemical Products Corp.
Fuller Brush Co.
Graymills Corp.
Houghton & Co., E. F.
Johnson & Son Inc., S. C.
Kano Lab.
Kellite Corp.
Kerns Co., L. R.
Lubikold Co.
Magnus Chemical Co. Inc.
Markem Machine Co.
Martindale Electric Co.
Metal Lubricants Co.
Metalloid Corp.
Mido Products
Mobil Oil Co.
National Refining Co., Div.
Ashland Oil & Refining
National Ultrasonic Corp.
Northwest Chemical Co. Inc.
Oakite Products Inc.
Pennsalt Chemicals Corp.
Penola Oil Co.
Roto-Finish Co.
Sansone & Son Inc., Henry E.
Sinclair Refining Co.
Special Chemicals Corp.
Specialty Products Co.
Standard Oil Co. of Calif.
Stuart Oil Co. Ltd., D. A.
Ultrasonic Industries Inc.
Wayne Chemical Products Co.
West Chemical Products Inc.
White & Bagley Co., The

COMPOUNDS, DRAWING (see Drawing, Compounds)

COMPOUNDS, FINISHING

Barton Mines Corp.
Boyar-Schultz Corp.

Bruce Products Corp.
Coastal Abrasive & Tool Co. Inc.
Cratex Mfg. Co. Inc.
Del's Tumbling Service
Elgin National Watch Co.
Abrasives Div.
Engis Equip. Co.
Esbec Corp., The
Felker Mfg. Co.
Gray-I-Flo Corp., The
Houghton & Co., E. F.
Johnson & Son, Inc., S. C.
Kelite Corp.
Kerns Co., L. R.
Kramer Co. Inc., H. W.
Lea-Mich. Inc.
Metal & Thermit Corp.
Mido Products
Mobil Oil Co.
Oakite Products Inc.
Sanison & Sons Inc., Henry E.
Specialty Products Co.
Spitfire Tool & Machine Co.
Stadoll Mfg. Co.
Superior Abrasive Lab. Inc.
Tumb-L-Matic Inc.
Vapor Blast Mfg. Co.

COMPOUNDS, FORGING

Kerns Co., L. R.

COMPOUNDS, MOLD-RELEASE

Acheson Colloids Co.
Barco Chemical Products Co.
Bel-Ray Co. Inc.
Bruce Products Corp.
Devcon Corp.
Cook's Sons Inc., Adam
Dow Corning Corp.
Houghton & Co., E. F.
Hysol Corp.
Johnson & Son Inc., S. C.
Lubikold Co.
Marblette Corp., The
Metal Lubricants Co.
Mobil Oil Co.
Mohawk File & Tool Co.
Oakite Products Inc.
Pate Oil Co.
Sanison & Sons Inc., Henry E.
Specialty Products Co.
Stuart Oil Co. Ltd., D. A.
Sun Oil Co.
U. S. Gypsum Co.

COMPOUNDS, PHOSPHATE COATING

Amchem Products Inc.
Blakeslee & Co., G. S.
Detrex Chemical Industries Inc.
Fidelity Chemical Products Corp.
Houghton & Co., E. F.
Kelite Corp.
Kerns Co., L. R.
Magnus Chemical Co. Inc.
Mido Products
Northwest Chemical Co. Inc.
Oakite Products Inc.
Pennsalt Chemicals Corp.
Sanison & Sons Inc., Henry E.

COMPOUNDS, PRESERVATIVE

Kelite Corp.
National Refining Co.
Oakite Products, Inc.
Rust-Lick Inc.
Special Chemicals Corp.
Valvoline Oil Co.

COMPOUNDS, SEALING

Amer. Metaseal of Detroit
Amer. Sealants Co.
Armite Labs.
Crane Packing Co.
Dow Corning Corp.
Electro-Mation Assoc.
Garlock Packing Co., The
Johns-Manville Sales Corp.
Johnson & Son Inc., S. C.
Lake Chemical Co.
Wayne Chemical Products Co.

COMPOUNDS, TAPPING

Metalloid Corp.
United Tool Co.

COMPRESSORS, AIR

Allis-Chalmers Mfg. Co.
Amer. Air Compressor Corp.
Amer. Instrument Co. Inc.

Bell & Gossett Co.
Carrier Corp.
Champion Pneumatic Machinery Co., Div. Transvision Inc.
Chicago Pneumatic Tool Co.
Curtis Mfg. Co., Pneumatic Div.
De Vilbiss Co., The
Eclinee Air Brush Co.
Fairbanks Morse & Co.
Gardner-Denver Co.
Gast Mfg. Corp.
Ingersoll-Rand Co.
Lelman Brothers Inc.
Le Roi Div., Westinghouse Air Brake Co.
National Compressor Corp.
Palley Supply Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Schramm Inc.
Superior Pneumatic & Mfg. Inc.
Westinghouse Air Brake Co., Industrial Products Div.

COMPUTERS

Bristol Co., The
General Electric Co., Apparatus Sales Div.
Kearfott Div., General Precision Link Inc. Div., General Precision Equipment
USI Robodyne Div., U. S. Industries Inc.
Westinghouse Electric Corp.

CONTACTORS, MAGNETIC

Airmatic Valve Inc.
Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
Automatic Switch Co.
Clark Controller Co., The
Electro-Mation Assoc.
Fansteel Metallurgical Corp.
Furnas Electric Co.
Warner & Swasey Co., The, Control Instrument Div.

CONTACTS, ELECTRICAL

Thomson, Judson L., Mfg. Co.

CONTAINERS, MATERIAL-HANDLING

Bethlehem Steel Co.
Dempster Bros. Inc.
General Box Co.
Jarke Mfg. Co.
Littleford Brothers Inc.
Sterling Factory Equip. Co.

CONTOUR FOLLOWERS

Associated Machine Tool Corp.
Gorton Machine Co., George
Inter-Lakes Engrg. Co.
Lapointe Machine Co.
Mohawk File & Tool Co.
S & S Machinery Co.
Sigma Machinery Inc.
Tracer Control Co.
True-Trace Corp.
Turchan Follower Machine Co.

CONTOUR SAWING & FILING MACHINES (see Sawing Machines; see Filing Machines)

CONTROL COMPONENTS (see Contactors, Relays, etc.)

CONTROLS, FLEXIBLE-SHAFT

Strand Flexible Shaft Inc., N. A.

CONTROLS, MACHINE

Allis Co., The
Allis Co., The Louis
Clark Controller Co., The
Consolidated Controls Corp.
Eagle Signal Corp., Div.
Gamewell Co.
Electro-Autosizing Machine Corp.
Electro-Devices Inc.
Electro-Mation Associates
General Automation Corp.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Johansson Gage Co., C. E.
Jordon Controls Inc.
Tracerlab, Inc.
Link-Belt Co.

Kenhos Corp. Div.
Magnasyn Corp.
Micro-Path Inc., Subsidiary
United Industrial Corp.
Moore Products Co.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
S & S Machinery Co.
Sensory Inc.
Sperry Products Co., Div. Howe Sound Co.
Standard Instrument Corp., Div.
Heat-Timer Corp.
Swedish Gage Co.
Westinghouse Electric Corp.

CONTROLLERS, MOTOR (see Motor Controllers & Starters)

CONTROLLING & RECORDING INSTRUMENT ACCESSORIES

Amer. Instrument Co. Inc.
Bristol Co., The
Consolidated Electrodynamics Corp.
Daystrom Inc.
Designers for Industry Inc.
Eagle Signal Corp., Div.
Gamewell Co.
Electro-Autosizing Machine Corp.
Electro-Mation Assoc.
General Electric Co., Apparatus Sales Div.
Industrial Electronics Inc.
Kearfott Div., General Precision Inc.
Leeds & Northrup Co.
Magnasyn Corp.
Moore Products Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Instrument Corp., Div.
Heat-Timer Corp.
United Electric Controls
U. S. Gauge Div., Amer. Machine & Metals Inc.

CONTROLS, ELECTRIC

Arcair Co., The
Control Div. of Magnetics Inc.
Palmer-Bee Co.

CONTROLS, FEED

Ames Spot Welder Co. Inc.
Automation Devices Inc.
Beckett-Harcum Co.
Bellows-Valvair, Div. of IBEC
Buckeye Tools Corp.
Burklyn Co.
Electro-Autosizing Machine Corp.
Jordon Controls Inc.
S-P Mfg. Corp., The
S & S Machinery Co.
Sargent Engrg. Corp.
Tracer Control Co.
Turchan Follower Machine Co.
Vickers Inc.
Walker Hydraulic Duplicator Co.

CONTROLS, HYDRAULIC

Acme Industrial Co.
Adel Precision Products Div.
General Metals Corp.
Airmatic Valve Inc.
Ames Spot Welder Co. Inc.
Barnes Corp., John S.
Beckett-Harcum Co.
Bellows-Valvair, Div. IBEC
Bristol Co., The
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carter Controls Inc.
Cincinnati Milling & Grinding Machines Inc.
Galland-Henning Mfg. Co.
General Automation Corp.
General Controls Co.
Giddings & Lewis Machine Tool Co.
Hanna Engrg. Works
Hannifin Co., Div. Parker-Hannifin Corp.
Humphrey Products Div., General Gas Light Co.
Hydraulic Press Mfg. Co. Div.
Koehring Co.

Leslie Co.
Logansport Machine Co. Inc.
McDowell-Wellman Co.
Oil-Dyne Inc.
Oilgear Co., The
Palley Supply Co.
Racine Hydraulics & Machinery Inc.
Rivett Lathe & Grinder Inc.
Rodgers Hydraulic Inc.
S-P Mfg. Corp., The
S & S Machinery Co.
Sargent Engrg. Corp.
Sperry Products Co., Div. Howe Sound Co.
Thompson Mfg. Co., Earl A.
Tracer Control Co.
Turchan Follower Machine Co.
United Electrical Controls
Vickers Inc.
Walker Hydraulic Duplicator Co.

CONTROLS, PNEUMATIC

Airmatic Valve Inc.
Ames Spot Welder Co. Inc.
Beckett-Harcum Co.
Bellows-Valvair, Div. IBEC
Bristol Co., The
Carter Controls Inc.
Cleveland Pneumatic Industries, Industrial Products Div.
Daystrom Inc., Weston Instrument Div.
Galland-Henning Mfg. Co.
Gardner-Denver Co.
General Automation Corp.
General Controls Co.
Hanna Engrg. Works
Hannifin Co., Div. Parker-Hannifin Corp.
Humphrey Products Div., General Gas Light Co.
Leslie Co.
Logansport Machine Co. Inc.
McDowell-Wellman Co.
Mead Specialties Co.
Palley Supply Co.
Perfecting Service Co.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Rivett Lathe & Grinder Inc.
S-P Mfg. Corp., The
S & S Machinery Co.
Sargent Engrg. Corp.
Schradar's Son, A., Div. Scovill Mfg. Co. Inc.
Searjeant Metal Products
United Electrical Controls
U. S. Gauge Div., Amer. Machine & Metals Inc.
Webb Co., Jervis B.
Westinghouse Air Brake Co., Industrial Products Div.

CONTROLS, TENSION

Diehl Mfg. Co.

CONTROLS, TEMPERATURE (see Temperature Controls)

CONTROLS, WELDING (see Welding Controls)

CONTROL SYSTEMS, NUMERICAL

Bendix Aviation Corp., Industrial Controls Section
Carlton Machine Tool Co., The
Cincinnati Milling & Grinding Machines Inc.
Consolidated Controls Corp.
DeVlieg Machine Co.
Diehl Mfg. Co.
Electro-Mation Assoc.
Erinac Equip. Corp.
General Controls Co.
Giddings & Lewis Machine Tool Co.
Hillyer Corp.
Jones & Lamson Machine Co.
Jordon Controls Inc.
Kearfott Div., General Precision Inc.
Kearney & Trecker Corp.
Link Div., General Precision Inc.
Magnasyn Corp.
Micro-Path Inc., Subsidiary
United Industrial Corp.

PRODUCTS

CONTROL SYSTEMS, NUMERICAL (cont.)

Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Royal Industries Inc.
S & S Machinery Co.
Sahlin Engrg. Co. Inc.
Sargent Engrg. Corp.
Sensory Inc.
Stromberg-Carlson Co.,
General Dynamics Div.
Thompson Ramo Wooldridge
Inc., Dage Div.
True-Trace Corp.
Warner & Swasey Co., The, Con-
trol Instrument Div.
Westinghouse Electric Corp.

CONTROL SYSTEMS, TRACER

Acc-U-Mat Machine Co.
Campbell Contour Attachment
Co.
Giddings & Lewis Machine Tool
Co.
Gisholt Machine Co.
Gorton Machine Co., George
Jones & Lamson Machine Co.
Kearney & Trecker Corp.
Tracerlab Inc.
Micro-Path Inc., Subsidiary
United Industrial Corp.
Onsrud Machine Co.
Optical Gaging Products Inc.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Rockford Machine Tool Co.
S & S Machinery Co.
Sargent Engrg. Corp.
Seneca Falls Machine Co.
Sigma Machinery Inc.
Tracer Control Co.
True-Trace Corp.
Turan Follower Machine Co.

CONVEYORS, BELT

Alvey-Ferguson Co., The
Anchor Steel & Conveyor Co.
Campbell Machines Co.
Chain Belt Co.
Colorado Fuel & Iron Corp.
Feedall Inc.
Goodman Mfg. Co., Industrial
Mfg. Div.
Goodrich Industrial Products,
B. F., Div. B. F. Goodrich Co.
Hewitt-Robins
Lake Shore Inc.
Link-Belt Co.
Logan Co.
Main & Sons Inc., Robert A.
Oliver Corp., The, A. B.,
Farquhar Div.
Palmer-Bee Co.
Rapids-Standard Co. Inc., The
Standard Conveyor Co.
Union Steel Products Co.,
Materials Handling Div.
U. S. Steel Corp.
Webb Co., Jervis B.

CONVEYORS, BUCKET

Link-Belt Co.

CONVEYORS, CHAIN

Link-Belt Co.

CONVEYORS, CHIP

Anchor Steel & Conveyor Co.
Chain Belt Co.
Goodman Mfg. Co.
Hewitt-Robins
Indiana Commercial Filters Corp.
Lake Shore Inc.
Link-Belt Co.
Palmer-Bee Co.
Rapids-Standard Co. Inc., The
Syntrol Co.
Webb Co., Jervis B.

CONVEYORS, GRAVITY

Alvey-Ferguson Co., The
Lamb Co., F. Jos.
Logan Co.
Oliver Corp., The, A. B.,
Farquhar Div.
Rapids-Standard Co. Inc., The
Standard Conveyor Co.

CONVEYORS, MAGNETIC

Clark Industries

Eriez Mfg. Co.
Multifinish Mfg. Co.
Rapids-Standard Co. Inc., The
Standard Conveyor Co.
Standard Portable Cord Co.

CONVEYORS, MONORAIL

Chainveyor Corp.

CONVEYORS, SLAT

Alvey-Ferguson Co., The
Anchor Steel & Conveyor Co.
Campbell Machines Co.
Chain Belt Co.
Kenhos Corp. Div.
Lake Shore Inc.
Link-Belt Co.
Logan Co.
Main & Sons Inc., Robert A.
Oliver Corp., The, A. B.,
Farquhar Div.
Palmer-Bee Co.
Rapids-Standard Co. Inc., The
Standard Conveyor Co.
Union Steel Products Co.,
Materials Handling Div.
Webb Co., Jervis B.

CONVEYORS, VIBRATING

Ajax Flexible Coupling Co. Inc.
Campbell Machines Co.
Chain Belt Co.
Goodman Mfg. Co., Industrial
Mfg. Div.
Hewitt-Robins
Link-Belt Co.
Simplicity Engrg. Co.
Syntrol Co.

COOLANTS

(See also Fluids, Cutting)

Aldridge Industrial Oils Inc.
Allison-Campbell Div., Amer.
Chain & Cable Co. Inc.
Anderson Oil & Chemical Co. Inc.
Bel-Ray Co. Inc.
Beltraction Co.
Bruce Products Corp.
Carbide Tool Co.
Cincinnati Milling & Grinding
Machines Inc.
Cliff Sales Co.
Continental Oil Co.
Cook's Sons Inc., Adam
Custanite Corp.
DoAll Co., The
Esso Standard Div., Humble Oil
& Refining Co.
Gulf Oil Corp.
Hangsterfers Lab.
Houghton & Co., E. F.
Johnson & Son Inc., S. C.
Kerns Co., L. R.
Keystone Lubricating Co.
Lubikold Co.
Magnus Chemical Co. Inc.
Master Chemical Corp.
Metal Lubricants Co.
Metalloid Corp.
Micromatic Hone Corp.
Mobil Oil Co.
National Diamond Lab. Inc.
National Refining Co., Div.
Ashland Oil & Refining Co.
Northwest Chemical Co. Inc.
Oakite Products Inc.
Pate Oil Co.
Rogers & Co. Inc., Samuel C.
Rust-Lick Inc.
Sanson & Sons Inc., Henry E.
Shear Speed Chemical Co.
Shell Oil Co.
Sinclair Refining Co.
Specialty Products Co.
Stadoll Mfg. Co.
Standard Oil Co., Calif.
Western Operations Inc.
Standard Oil Co., Indiana
Stuart Oil Co. Ltd., D. A.
Sun Oil Co.
Texaco Inc.
Wayne Chemical Products Co.
White & Bagley Co., The

COOLANT SYSTEMS

Bernard Welding Equip. Co.
Bijur Lubricating Corp.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Coolant Equip. Corp.

Custanite Corp.
DeLaval Separator Co., The
DeVilbiss Co., The
Dunham Tool Co. Inc., The
Easy Industries Div.,
Whitewater Pump Co.
Gale Separator Co. Inc., Div.
Inflico Inc.
H B Tools
Link-Belt Co.
Lloyd Tool Corp.
Lundholm Mfg. Co.
Melard Mfg. Corp.
National Aircraft Corp.
Precise Products Corp.
S & S Machinery Co.
Sealor Corp., Industrial
Products Div.
Snow Mfg. Co.
Thompson, Henry G. & Son
Trico Fuse Mfg. Co.
Wesco Tool Co.

COPPER

Amer. Brass Co., The
Belmont Smelting & Refining
Works, Inc.
Bridgeport Brass Co.
Brush Beryllium Co., Pennroid
Div.
Chase Brass & Copper Co.
Mueller Brass Co.
Revere Copper & Brass Inc.

CORE & SPADE DRILLS

(see Drills, Core & Spade)

CORK

Korfund Co., The
Vibration Mountings Inc.

CORROSION PREVENTIVES

(see Specific Type)

COTTER PINS

Aluminum Co. of Amer.
Chase Brass & Copper Co.
National Screw & Mfg. Co.
Standard Horse Nail Corp.
Star Stainless Screw Co.

COUNTERBORES, PILOT

Acromatic Tool Co.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Bicknell-Thomas Co.
Butterfield Div., Union Twist
Drill Co.
Carbide Tools Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Cogsdill Twist Drill Co. Inc.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Eclipse Counterbore Co.
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Falcon Tool Co.
Gairing Tool Co.
Genesee Mfg. Co.
Glenbard Tool Mfrs. Inc.
Gorham Tool Co.
Hunt's Grinding & Mfg. Co.
Hutchins Co., Roy A.
Hyper Tool Co.
Lehmann-Fulton Boring Tool Div
Fulton Iron Works
Lund Mfg. Co.
Marcoloy Inc.
Metal Cutting Tools Inc.
Micro-Limit Products Inc.
Mohawk Tools Inc.
Morse Twist Drill & Machine Co.
Div. Van Norman Industries
Inc.
National Tool Co.
National Twist Drill & Tool Co.
O. K. Tool Co. Inc., The
Plew Tool Corp.
Rotary Tool Co.
Schrillo Aero Tool Engrg. Co.
Scully-Jones & Co.

Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Stepool Corp.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
Waukesha Cutting Tools Inc.
Weldon Tool Co., The
Wendt-Sonis Co.
Whitman & Barnes
Williams Industries, W. W.
Wolnhip Products Inc.

COUNTERBORES & SPOTFACING TOOLS

Acromatic Tool Co.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Slip Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Bicknell-Thomas Co.
Brubaker Tool Corp.
Buckeye Tools Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tool Co.
Carbide Tools Inc.
Chicago-Latrobe
Clark Co., Robert H.
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co.,
The
Coffey-Cummins Mfg. Co.
Cogsdill Tool Products Inc.
Cogsdill Twist Drill Co. Inc.
Connelly Machine Works
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Eclipse Counterbore Co.
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Gairing Tool Co.
Genesee Mfg. Co.
Glenbard Tool Mfrs. Inc.
Gorham Tool Co.
Hunt's Grinding & Mfg. Co.
Hyper Tool Co.
Illinois Tool Works, Machine
Ind. & Instrument Div.
Lehmann-Fulton Boring Tool
Div. Fulton Iron Works
Lund Mfg. Co.
Marcoloy Inc.
Metal Cutting Tools Inc.
Micro-Limit Products Inc.
Morden Tools
Mohawk File & Tool Co.
Mohawk Tool Inc.
Morse Twist Drill & Machine Co.
Div. Van Norman Industries
Inc.
Muskegon Tool Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
Nobur Mfg. Co.
O. K. Tool Co. Inc., The
Plew Tool Corp.
Pratt & Whitney Co. Inc.
Putnam Tool Co.
Schmarje Tool Co.
Schrillo Aero Tool Engrg. Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Star Cutter Co.
Stepool Corp.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
Waukesha Quality Tool Works
Waukesha Cutting Tools Inc.
Weddell Tools Inc.
Wendt-Sonis Co.
Wesson Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes
Williams Industries, W. W.

Wohnlp Products Inc.
Woodruff & Stokes Co. Inc.

COUNTERSINK HOLDERS & PILOTS

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
Bicknell-Thomas Co.
Carbide Tools Inc.
Craig Tools Inc.
Dawson Tool Co.
Eclipse Counterbore Co.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Gairing Tool Co.
Glenbard Tool Mfrs. Inc.
Gorham Tool Co.
Hyper Tool Co.
Lund Mfg. Co.
Marcoloy Inc.
Metal Cutting Tools Inc.
Micro-Limit Products Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-Damerell Inc.
Plew Tool Corp.
Schrillo Aero Tool Engrg. Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Standard Tool Co.
Wohnlp Products Inc.

COUNTERSINKS & CHAMFERING TOOLS

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beaver Cut Rotary File Co.
Bicknell-Thomas Co.
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Cogsdill Tool Products Inc.
Connelly Machine Works
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
Dexco Corp.
DoAll Co., The
Eclipse Counterbore Co.
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Gairing Tool Co.
General Hardware Mfg. Co. Inc.
Glenbard Tool Mfrs. Inc.
Gorham Tool Co.
Hunt's Grinding & Mfg. Co.
Hutchins Co., Roy A.
Hyper Tool Co.
Lehmann-Fulton Boring Tool Div. Fulton Iron Works
Lund Mfg. Co.
Madison-Reico Tool Co.
Marcoloy Inc.
Metal Cutting Tools Inc.
Micro-Limit Products Inc.
Mohawk File & Tool Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine Co. Div. Van Norman Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-Damerell Inc.
Nobur Mfg. Co.
O. K. Tool Co. Inc., The
Plew Tool Corp.
Pratt & Whitney Co. Inc.
Providence Tool Co. Inc.
Rico Tool Co.
Rotary Tool Co.
Schmarje Tool Co.
Schrillo Aero Tool Engrg. Co.
Scully-Jones & Co.
Severance Tool Industries Inc.
Sid Tool Co. Inc.

Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Steptool Corp.
Union Twist Drill Co.
Weldon Tool Co., The
Wendt-Sonis Co.
Whitman & Barnes
Williams Industries, W. W.
Wohnlp Products Inc.
Woodruff & Stokes Co. Inc.

COUNTERSINKS, PORTABLE, ELECTRIC

Black & Decker Mfg. Co., The
General Hardware Mfg. Co. Inc.
Metal Cutting Tools Inc.
Pratt & Whitney Co. Inc.
Wohnlp Products Inc.

COUNTERSINKS, PORTABLE, PNEUMATIC

Buckeye Tools Corp.
Metal Cutting Tools Inc.
Pratt & Whitney Co. Inc.
Wohnlp Products Inc.

COUNTING DEVICES

Auburn Machine Co.
Actuator Products, Div. Gear-tronics Corp.
Bachmann Co. Inc., Eric R.
Boesch Mfg. Co. Inc.
Bristol Co., The
Clark Controller Co., The
Daco Instrument Co.
E P I C Inc.
Eagle Signal Corp., Div. Game-well Co.
Electro-Mation Assoc.
Electro-Mechano Co., The
General Controls Co.
H B Tools
Ideal Industries Inc.
Industrial Electronics
Jones Motrola Corp.
Kearfott Div., General Precision Inc.
Martindale Electric Co.
Metron Instrument Co.
Montgomery & Co. Inc.
Presin Co.
Sensory Inc.
Sid Tool Co. Inc.
Standard Instrument Corp., Div. of Heat-Timer Corp.
Sticht Co. Inc., Herman H.
Veeder-Root Inc.
Weltronic Co.

COUPLINGS, AIR

Aro Equip. Corp., The
Balcrank Inc., Machine Tool Div.
Bellows-Valvair, Divs. IBEC
Chicago Pneumatic Tool Co.
Cleco Air Tools
Hansen Mfg. Co., The
Parker Fittings & Hose, Parker Hannifin Corp.
Perfecting Service Co.
Sargent Engrg. Corp.
Schrader's Son, A., Div.
Scovill Mfg. Co. Inc.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.
Weatherhead Co., The, Fort Wayne Div.

COUPLINGS, HYDRAULIC

Aeroquip Corp.
Alemite Div., Stewart-Warner Corp.
Balcrank Inc., Machine Tool Div.
Electra Motors Inc.
Flexonics Corp.
Hansen Mfg. Co., The
Link-Belt Co.
Parker Fittings & Hose, Parker Hannifin Corp.
Perfecting Service Co.
Rodgers Hydraulic Inc.
Sargent Engrg. Corp.
Schrader's Son, A., Div.
Scovill Mfg. Co. Inc.
Twin Disc Clutch Co.
Weatherhead Co., The, Fort Wayne Div.

COUPLINGS, MECHANICAL

Ajax Flexible Coupling Co. Inc.
Ailing-Lander Co. Inc.
Atlas Chain & Mfg. Co.
Bond Co., Charles
Brown Engrg. Co.
Cone-Drive Gears, Div. Mich. Tool Co.
Dodge Mfg. Corp.
Falcon Machine & Tool Co. Inc.
Falk Corp.
Footle Bros. Gear & Machine Corp.
Flexonics Corp.
Gerbing Mfg. Corp.
Gleason Works
Hamilton Gear & Machine Co.
Harrisburg Steel Co., Div. Harasco Corp.
Lord Mfg. Co.
Link-Belt Co.
Metron Instrument Co.
Morse Chain Co.
Oliver Gear & Machine Co. Inc.
Parker Fittings & Hose, Parker Hannifin Corp.
Perfecting Service Co.
PIC Design Corp.
Rampe Mfg. Co.
Rochester Bevel Gear Co.
Sier-Bathe Co., G & P, Pump Coupling Div.
Sutton Engrg. Co.
Thomas Flexible Coupling

COUPLINGS, THREADED

Brunner & Lay Inc.
Crayton Co., F. M.
Falcon Machine & Tool Co. Inc.
Harrisburg Steel Co., Div. Harasco Corp.
Northwestern Tools Inc.
Parker Fittings & Hose, Parker Hannifin Corp.
Tomco Inc.
U. S. Rubber Co.

COVERS, SLEEVE OR BOOT

Can Pro Corp.

COVERS, WAY

Can Pro Corp.
Futurmill Inc.

CRADLES, COIL

Automatic Feed Co.
Bliss Co., E. W.
Cooper Weymouth Inc.
Danly Machine Specialties Inc.
Durant Tool Co.
La Bahn Roll Feed Corp.
Littell Machine Co. F. J.
Vac-U-Mation Div.
Mesta Machine Co.
Mettler Machine Tool Co. Inc.
Shuster Div.
Rowe Machinery & Mfg. Co.
S & S Machinery Co.
Special Engrg. Service Inc.
Tishken Products Co., Oak Park Station
U. S. Tool Co. Inc.

CRANES

Amer. Chain & Cable Co., Inc.
Wright Hoist Div.
Baker Industrial Trucks Div.
Otis Elevator Co.
Chicago Tramrail Corp.
Chisholm-Moore Hoist Div., Columbus McKinnon
Cleveland Crane & Engrg. Co., The
Cleveland Crane & Engrg., Cleveland Tramrail Div.
Cullen & Friedstedt
Grand Specialties Co.
Harnishfeger Corp.
Le Tourneau Inc., R. G.
Manning Maxwell & Moore, Shaw-Box Crane & Hoist
McDowell-Wellman Co.
Montgomery & Co. Inc.
Reading Crane & Hoist Corp.
Robbins & Myers Inc., Motor Div.
S & S Machinery Co.
Webb Co., Jervis B.
Whiting Corp.

CRANES, ELECTRIC TRAVELING

Amer. Chain & Cable Co. Inc.
Wright Hoist Div.
Cleveland Crane & Engrg. Co., The
Cleveland Crane & Engrg., Cleveland Tramrail Div.
Elwell-Parker Electric Co., The
Harnishfeger Corp.
Le Tourneau Inc., R. G.
Manning Maxwell & Moore, Shaw-Box Crane & Hoist
Reading Crane & Hoist Corp.
Robbins & Myers Inc., Motor Div.
S & S Machinery Co.
Whiting Corp.

CRIMPERS

Niagara Machine & Tool Works
Peck Stow & Wilcox Co., The
Production Devices Inc.

CURVES & TEMPLATES, MECHANICS

Bruning Co., Charles
Dietzen Co., Eugene
Payne Tool & Engrg. Co., The
Starrett Co., The L. S.

CUSHIONS, BOLSTER, HYDRAULIC

Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Co., The
Danly Machine Specialties Inc.
Die-Draulic Grip Inc.
Lahr Machine & Tool Corp.
S & S Machinery Co.

CUSHIONS, BOLSTER, PNEUMATIC

Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Co., The
Federal Machine & Welder Co.
Lahr Machine & Tool Corp.
Niagara Machine & Tool Works
Petch Mfg. Co.
Rodgers Hydraulic Inc.
S & S Machinery Co.

CUSHIONS, BOLSTER, SPRING

Cleveland Punch & Shear Works Co., The
S & S Machinery Co.

CUTOFF BLADES (see Blades)

CUTOFF MACHINES, ABRASIVE

Allison-Campbell Div., Amer. Chain & Cable Co.
Amer. Instrument Co. Inc.
Beaver Pipe Tools Inc.
Bentley Industrial Corp.
Black & Decker Mfg. Co., The
Cincinnati Electrical Tool Co., The
Collins Machinery Corp.
Continental Machine Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Dewalt Div., Amer. Machine & Foundry Co.
Felker Mfg. Co.
Max Mfg. Co.
Nichols Co., W. H.
Navan Products Inc.
Porter McLeod Machine Tool Co.
Ro-Lett Tools & Die Mfg.
Ryerson & Son Inc., Joseph To.
S & S Machinery Co.
Smith & Son Inc., James
Stone Machinery Co. Inc.
Tresler Engrg. Products Div.
Ty-Se-Man Machine Co. Inc.
United Engrg. & Foundry Co.
Victor Inc.
Wallace Supplies Mfg. Co.

CUTOFF MACHINES, BAND SAW

Barer Engrg. & Machinery Co. Ltd.
Boice-Crane Co.

PRODUCTS

CUTOFF MACHINES, BAND SAW, (cont.)

Capewell Mfg. Co., The
Clousing Div., Atlas Press Co.
DoAll Co., The
Fanco Machine Co.
Grob Inc.
Ideal Tool & Die Co. Inc.
Kalamazoo Tank & Silo Co.,
Machine Tool Div.
Laidlaw Inc., William
Peerless Machine Co.
Rockwell Mfg. Co.
Roll-In Saw Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sigma Machinery Inc.
Thompson & Son Co., The H. G.,
Milband Machine Tool Div.
Wells & Sons, W. F.

CUTOFF MACHINES, LATHE TYPE

Bardons & Oliver Inc.
Barer Engrg. & Machinery Co.
Ltd.
Cleveland Automatic Machine
Co., The
Cone Automatic Machine Co. Inc.
Cosa Corp.
Coulter Machine Co., James
Hjorth Lathe & Tool Co.
Lloyd Tool Corp.
Loma Machine Mfg. Co. Inc.
McKay Machine Mfg. Co. Inc.
Modern Machine Tool Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sydney Corp.
Ty-Sa-Man Machine Co. Inc.
Wesco Tool Inc.

CUTOFF MACHINES, MANUAL

Dewalt Div., Amer. Machine &
Foundry Co.
Lewthwaite Machine Co., T. H.
Oliver Machinery Co.
O'Neill-Irwin Mfg. Co.
Parker Fitting & Hose, Parker
Hannifin Corp.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Stone Machinery Co. Inc.
Tressler Engrg. Products Div.
Wesco Tool Inc.

CUTOFF MACHINES, MECHANICAL

Amer. Roller Die Corp.
Bachmann Co. Inc., Eric R.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Collins Machinery Corp.
Cone Automatic Machine Co. Inc.
Dewalt Div., Amer. Machine &
Foundry Co.
Fanco Machine Co.
Ingersoll Milling Machine
Kane & Roach Inc.
Klingelhoefer Machine Tool
Corp., Albert
Lapointe Machine Co.
Loma Machine Mfg. Co. Inc.
Maplewood Div., Rockford
Machine Tool Co.
McKay Machine Co., The
Metzler Machine Tool Co. Inc.,
Shuster Div.
Motch & Merryweather
Machinery Co., The
Novi Tool & Machine Co.
O'Neill-Irwin Mfg. Co.
Patterson Machine Co., George C.
Porter-McLeod Machine Tool Co.
Huffer Machine Co. Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sales Service Mfg. Co. (Havir)
Stone Machinery Co. Inc.
Tressler Engrg. Products Div.
Williams White & Co.

CUTOFF MACHINES, PIPE

Abbey Etna Machine Co.
Amer. Roller Die Corp.
Bachmann Co. Inc., Eric R.
Bardons & Oliver Inc.
Beaver Pipe Tools Inc.
Collins Machinery Corp.
Continental Machine Co.

Kalamazoo Tank & Silo Co.,
Machine Tool Div.
Landis Machine Co.
Lapointe Machine Co.
McKay Machine Co., The
Motch & Merryweather
Machinery Co., The
Ridge Tool & Die Co. Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation
Steffan Mfg. Corp.
Thompson Mfg., Earl A.
Toledo Pipe Threading
Machine Co.
Tressler Engrg. Products Div.
Vulcan Tool Co.
Wachs Co., The E. H.
Yoder Co., The

CUTOFF WHEELS

Allison-Campbell Div., Amer.
Chain & Cable Co. Inc.
Carborundum Co. The
Cincinnati Milling & Grinding
Machines Inc.
Continental Machine Co.
Cortland Grinding Wheels Corp.
Dewalt Div., Amer. Machine &
Foundry Co.
Electro Refractories & Abrasives
Corp.
Felker Mfg. Co.
Foredom Electric Co. Inc.
Fuller Merriam Co., The
Hanson Co.
Macklin Co.
Metal Removal Co., The
Norton Co., Abrasive Div.
Pacific Grinding Wheel Co.
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.
Ridge Tool & Die Co., The
Simonds Abrasive Co.
Skill Corp.
Tressler Engrg. Products Div.
Victor Inc.
Wickman Mfg. Co.

CUTTER GRINDING MACHINES

Alina Corp.
Antares Instruments Inc.,
Subsidiary A. F. Wilkens Inc.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding
Machines Inc.
Deakin & Son, J. A.
Erinac Equip. Corp.
Felker Mfg. Co.
Gleason Works
Gorton Machine Co., George
Ingersoll Milling Machine
Lapointe Machine Co.
Mico Instrument Co.
Norton Co., Machine Div.
Pratt & Whitney Co. Inc.
Sigma Machinery Inc.
Sykes Machine & Gear Corp.

CUTTERS, BORING (see Boring Cutters)

CUTTERS, CARBIDE-TIPPED

Acromatic Tool Co.
Adamas Carbide Corp.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Apex Tool & Cutter Co. Inc.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Beaver Tool & Engrg. Corp.
Black & Decker Mfg. Co., The
Bokum Tool Co. Inc.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Cleveland Cutter & Reamer Co.

Coffey-Cummings Mfg. Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
Deluxe Saw & Tool Co.
DoAll Co., The
Eastern Tool Co. Inc.
Eclipse Counterbore Co.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Gairing Tool Co.
Gay-Lee Co.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Ill. Tool Works, Machine &
Instrument Div.

Ingersoll Milling Machine Co.
Kennametal Inc.
Lehmann-Fulton Boring Tool Co.
Div. Fulton Iron Works Co.
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Marcoloy Inc.
Martindale Electric Co.
McCrosky Tool Corp.
Metal Cutting Tools Inc.
Metal Removal Co., The
Metallurgical Products Dept.,
General Electric Co.
Meyers Co., W. F.
Modco Tools
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
Muskegon Tool Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
North Amer. Products Corp.
O. K. Tool Co. Inc., The
Onsrud Cutter Mfg. Co. Inc.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Somma Tool Co. Inc.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Thurston Mfg. Co.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Valenite Metal Div., The
Valeron Corp.
Vascology-Ramet Corp.
Victory Carbide Saw & Tool Co.
Inc.
Viking Tool Co. Inc., The
Walmet Corp.
Waukegon Quality Tool Works
Weddell Tools Inc.
Wendell-Sonks Co.
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.
Williams & Co., J. H.

CUTTERS, DEBURRING

Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
Dixie Tool Industries
DoAll Co., The
Ford Mfg. Co. Inc., M. A.
Foredom Electric Co. Inc.
Genesee Mfg. Co.
Glenbard Tool Mfrs. Inc.
Martindale Electric Co.
Metal Cutting Tools Inc.
Metal Removal Co., The
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Nobur Mfg. Co.
Plew Tool Corp.
Rico Tool Co.
Rotary Tool Co.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.

CUTTERS, DISK

Amer. Cutter & Engrg. Corp.
Black & Decker Mfg. Co., The

DoAll Co., The
Niagara Cutter Div., Bollier-
Damerell Inc.
Severance Tool Industries Inc.

CUTTERS, GEAR

Amer. Cutter & Engrg. Corp.
Bachmann Co. Inc., Eric R.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Brown Co., R. F.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Butterfield Div., Union Twist
Drill Co.
Carney-Stansfield Co.
DoAll Co., The
Equitable Engrg. Co.
F & D Tool Co. Inc.
Fellows Gear Shaper Co.
Form-All Mfg. Co.
Gleason Works
High Precision Products Co.
Ill. Tool Works, Machine &
Instrument Div.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
Sid Tool Co. Inc.
Standard Tool Co.
Star Cutter Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

CUTTERS, GEAR SHAPER

Amer. Cutter & Engrg. Corp.
Butterfield Div., Union Twist
Drill Co.
Carney-Stansfield Co.
DoAll Co., The
Equitable Engrg. Co.
Fellows Gear Shaper Co.
Gleason Works
High Precision Products Co.
Ill. Tool Works, Machine &
Instrument Div.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
Sid Tool Co. Inc.
Sykes Machine & Gear Corp.

CUTTERS, KEYSEATING

Aber Engrg. Works Inc.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
B. S. A. Tools Ltd.
Brown Co., R. F.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Burr & Son Inc., John T.
Butterfield Div., Union Twist
Drill Co.

Davis Keyseater Co., Div.
Hansford Mfg. Corp.

DoAll Co., The
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Falcon Tool Co.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hutchins Co., Roy A.
Hyper Tool Co.
Ill. Tool Works, Machine &
Instrument Div.
Ingersoll Milling Machine Co.
Lund Mfg. Co.
Mitts & Merrill Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Twist Drill & Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
Reading Machine Co., The
Reltool Corp.
Rotary Tool Co.
Sid Tool Co. Inc.

Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Standard Tool Co.
Union Twist Drill Co.
Waukegan Quality Tool Works
Woodruff & Stokes Co. Inc.

CUTTERS, ROD

Amer. Cutter & Engrg. Corp.
Heinrich Tools Inc.
Lewis Machine Co., The., Div.
Curtis Mfg. Co.
Lewthwaite Machine Co., T. H.
Manco Mfg. Co.
Montgomery & Co. Inc.
Neilsen Inc., E. V.
Porter Inc., H. K.
Ryerson & Son Inc., Joseph T.

CUTTERS, ROTARY SHEAR

Beatty Machine & Mfg. Co.

CUTTERS, SHAPER

Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
Black & Decker Mfg. Co., The
Boice-Crane Co.
Carbide Tools Inc.
Foredom Electric Co. Inc.
Hyper Tool Co.
O. K. Tool Co. Inc., The
Onarud Cutter Mfg. Co. Inc.
Transmores Corp.
Victory Carbide Saw & Tool Co.
Inc.
Williams & Co., J. H.

CUTTERS, SHEET METAL

Amer. Cutter & Engrg. Corp.
Berkroy Products Co.
Black & Decker Mfg. Co., The
Heinrich Tools Inc.
Montgomery & Co. Inc.
Neilsen Inc., E. V.
Niagara Machine & Tool Works
Peck Stow & Wilcox Co., The
Proto Tool Co., Div. Pendleton
Tool Industries
Ryerson & Son Inc., Joseph T.
Ward Machinery Co.

CUTTERS, SPRUE

Amer. Cutter & Engrg. Corp.
Boice-Crane Co.

CUTTING EQUIPMENT, ARC

Air Reduction Sales Co.
Arcos Corp.
Avco Research & Development
Div.
Cammann Mfg. Co. Inc., The
Chicago Tool & Engrg. Co.
DoAll Co., The
Linde Co., Div. Union
Carbide Corp.
Mohawk File & Tool Co.

CUTTING EQUIPMENT, FLAME

Air Reduction Sales Co.
Bel-Ray Co. Inc.
Cleveland Crane & Engrg. Co.,
The
Dockson Corp.
Girard Assoc.
Heath Engrg. Co.
Linde Co., Div. Union Carbide
Corp.
Pate Oil Co.
Shear Speed Chemical Co.
Texaco Inc.
Weldit Inc.

CUTTING FLUIDS (see Fluids, Cutting)

CUTTING FLUIDS, ADDITIVES (see Additives, Cutting Fluids)

CUTTING MACHINES, GEAR (see Gear Cutting Machines)

CYLINDER SLEEVES

Bethlehem Steel Co.
Bushings Inc.
Centrifugally Cast Products Div.,
Shenango Furnace Co.

Commercial Shearing &
Stamping Co.
Janney Cylinder Co.
Love Brothers-Pyott
Meehanite Metal Corp.
Petch Mfg. Co.
Renewal Service Inc.

CYLINDERS, AIR CHUCK

Carney-Stansfield Co.
Chicago Tool & Engrg. Co.
Cushman Chuck Co., The
Erickson Tool Co.
Logansport Machine Co. Inc.
Mead Specialties Co.
National Acme Co., The
Powergrip Inc.
S-P Mfg. Corp., The
Skinner Chuck Co., The
Sutton Tool Co.
Tomkins-Johnson Co.
Union Mfg. Co.
Whitton Machine Co., The

CYLINDERS, HYDRAULIC

A A A Mfg. Co. Inc.
Acme Industrial Co.
Airmatic Valve Inc.
Alkon Products Corp.
Allenair Corp.
Barnes Corp., John S.
Beckett-Harcum Co.
Bellows-Valvair, Div. IBEC
Bendix-Westinghouse,
Automotive Air Brake Co.
Bethlehem Steel Co.
Birdsboro Corp.
Carter Controls Inc.
Centrifugally Cast Products
Div., Shenango Furnace Co.
Chicago Tool & Engrg. Co.
Cincinnati Milling & Grinding
Machines Inc.
Clippard Instrument Lab. Inc.
Commercial Shearing & Stamp-
ing Co.
Curtis Mfg. Co., Pneumatic Div.
Dake Corp.
Danly Machine Specialties Inc.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Di-dro Engrg. Co.
Die-Draulic Grip Inc.
Dukes Co. Inc.
Erie Foundry Co.
Galland-Henning Mfg. Co.
Grand Specialties Co.
Hanna Engrg. Works
Hannifin Co., Div. Parker-
Hannifin
Hydraulic Press Mfg. Co.,
Div. Koehring Co.
Hydro-Line Mfg. Co.
Janney Cylinder Co.
Lapeer Mfg. Co.
Ledeer Inc., Ledeer Mfg. Div.
Logansport Machine Co. Inc.
Love Brothers-Pyott
Lynair Inc.
M & N Modern Hydraulic
Press Co. Inc.
Main & Sons Inc., Robert A.
Manco Mfg. Co.
McDowell-Wellman Co.
Mead Specialties Co.
Meehanite Metal Corp.
Miller Fluid Power Div.,
Flick-Reedy Corp.
Modernair Corp.
Newton Hydraulic Tooling Co.
Oil-Dyne Inc.
Oilgear Co., The
Ortman-Miller Machine Co. Inc.
Palley Supply Co.
Pathon Mfg. Co.
Petch Mfg. Co.
Powergrip Inc.
Production Devices Inc.
Rivett Lathe & Grinder Inc.
Rodgers Hydraulic Inc.
Rotary Lift Co., Div. Dover
Corp.
Rotex Punch Co. Inc.
Ryerson & Son Inc., Joseph T.
S-P Mfg. Corp., The
Sahlin Engrg. Co. Inc.
Sargent Engrg. Corp.
Schrader's Son, A. Div.
Scovill Mfg. Co. Inc.
Sheffer Corp., The
Thompson Mfg. Co., Earl A.

Tomkins-Johnson Co.
Tru-Trace Corp.
Turchan Follower Machine Co.
Vickers Inc.
Wilson Inc., K. R.
Wood Co., R. D.

CYLINDERS, PNEUMATIC

A A A Mfg. Co. Inc.
Air-Mite Devices Inc.
Airmatic Valve Inc.
Alkon Products Corp.
Allenair Corp.
Beckett-Harcum Co.
Bellows-Valvair, Div. IBEC
Bendix-Westinghouse,
Automotive Air Brake Co.
Bethlehem Steel Co.
Burklyn Co.
Carter Controls Inc.
Cleveland Pneumatic Industries,
Industrial Products Div.
Clippard Instrument Lab. Inc.
Curtis Mfg. Co., Pneumatic Div.
Dukes Co. Inc.
Electro-Mechano Co., The
Erickson Tool Co.
Galland-Henning Mfg. Co.
Hanna Engrg. Works
Hannifin Co., Div. Parker-
Hannifin Corp.
Heinrich Tools Inc.
H. E. P. Mfg. Co. Inc.
Hydraulic Press Mfg. Co.,
Div. Koehring Co.
Hydro-Line Mfg. Co.
I. S. I. Mfg. Inc.
Janney Cylinder Co.
Lapeer Mfg. Co.
Ledeer Inc., Ledeer Mfg. Div.
Logansport Machine Co. Inc.
Love Brothers-Pyott
Lynair Inc.
McDowell-Wellman Co.
Mead Specialties Co.
Meehanite Metal Corp.
Miller Fluid Power Div.,
Flick-Reedy Corp.
Modernair Corp.
Oil-Dyne Inc.
Ortman-Miller Machine Co. Inc.
Palley Supply Co.
Pathon Mfg. Co.
Petch Mfg. Co.
Production Devices Inc.
Rivett Lathe & Grinder Inc.
Rotex Punch Co. Inc.
S-P Mfg. Corp., The
Sahlin Engrg. Co. Inc.
Sargent Engrg. Corp.
Schrader's Son, A. Div.
Scovill Mfg. Co. Inc.
Sheffer Corp., The
Taylor-Winfield Corp.
Tomkins-Johnson Co.
Tru-Trace Corp.
Westinghouse Air Brake Co.,
Industrial Products Div.
Wilton Tool Mfg. Co. Inc.

DEBURRING MACHINES

Almco Queen Products, Div.
King-Seeley Corp.
Antares Instruments Inc.,
Subsidiary A. F. Wilkins Inc.
B & E Mfg. Co. Inc.
Benerson Corp.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Cincinnati Electrical Tool Co.,
The
Cross Co., The
Del's Tumbling Service
Foredom Electric Co. Inc.
Grav-I-Flow Corp., The
Grinding & Polishing
Machinery Corp.
Hammond Machinery Builders
Inc.
Hause Machines Inc.
Hufford Corp., The
Hypneumat Inc.
Inter-Lakes Engrg. Co.
Kramer Co. Inc., H. W.
Lamb Co., F. Jos.
Lapointe Machine Co.
Lord Chemical Corp., Subsidiary
Wheelabrator Corp.
M-F Equip. Co.
Mido Products

Model Machine Co. Inc.
Modern Industrial Engrg. Co.
Motch & Merryweather
Machinery Co., The
Murray-Way Corp.
Pangborn Corp.
Pines Engrg. Co. Inc.
Redin Production Machine Co.
Roto-Finish Co.
Ryman Engrg. Co.
S & S Machinery Co.
Sales Service Mfg. Co. (Havir)
Schauer Mfg. Corp.
Sheffield Corp., Subsidiary
Bendix Aviation
Sigwel Corp.
Speed-D-Burr Corp.
Turner Bros. Inc.
Universal-Automatic Corp.
Vapor Blast Mfg. Co.
Wallace Supplies Mfg. Co.
Wheelabrator Corp.
Whiting Corp.

DEBURRING TOOLS

Acme Tool Corp.
Amer. Cutter & Engrg. Corp.
Ashcomb Co.
B & W Precision Products Co.
Beaver Cut Rotary File Co.
Brightboy Industrial Div.,
Weldon Roberts Rubber
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Buckeye Tools Corp.
Cogsdill Tool Products Inc.
Cratex Mfg. Co. Inc.
Dixie Tool Industries
DoAll Co., The
Doeden Tool Corp., Dotco
Pneumatic Tools
Egin National Watch Co.,
Abrasives Div.
Falcon Tool Co.
Foredom Electric Co. Inc.
Gardner-Denver Co.
Genesee Mfg. Co.
Glenhard Tool Mfrs. Inc.
Jarvis Corp.
Jaw Mfg. Co.
Martindale Electric Co.
Merit Products Co.
Metal Cutting Tools Inc.
Metal Removal Co., The
Millers Falls Co.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Nobur Mfg. Co.
Nu-Matic Grinders Inc.,
Subsidiary Abrasive Machine
Methods Corp.
Parker Fitting & Hose Div.,
Parker Hannifin Corp.
Pines Engrg. Co. Inc.
Pittsburgh Plate Glass Co.,
Brush Div.
Plew Tool Corp.
Precision Carbide Co.
Rotary Tool Co.
Severance Tool Industries Inc.
Sigwel Corp.
Sunnen Products Co.
Sunnen Service Corp.
Universal Engrg. Co.
Vernon Devices Inc.
Weldon Tool Co., The

DEGREASERS

Blakeslee & Co., G. S.
Circo Equip. Co.
Detrex Chemical Industries Inc.
DeVilbiss Co., The
Industrial Systems Co.
Kelite Corp.
Pangborn Corp.
S & S Machinery Co.
West Chemical Products Inc.

DEGREASING COMPOUNDS

Anchem Products Inc.
Barco Chemical Products Co.
Bruce Products Corp.
Circo Equip. Co.
Cliff Sales Co.
Del's Tumbling Service
Detrex Chemical Industries Inc.
Diversey Corp., The
Graymills Corp.
Houghton & Co., E. F.
Johnson & Son Inc., S. C.

PRODUCTS

DEGREASING COMPOUNDS (cont.)

Kelite Corp.
Magnus Chemical Co. Inc.
Martindale Electric Co.
Minnesota Mining & Mfg. Co.
Northwest Chemical Co. Inc.
Oakite Products Inc.
Pennsalt Chemicals Corp.
Pencola Oil Co.
Roto-Finish Co.
Sanson & Sons Inc., Henry E.
Speed-D-Burr Corp.
Stuart Oil Co. Ltd., D. A.
Wilbur & Williams Co. Inc.

DEGREASING EQUIPMENT

Barrett Co., The Leon J.
Blakeslee & Co., G. S.
Branson Instruments Inc.
Circo Equip. Co.
Detrex Chemical Industries Inc.
DeVilbiss Co., The
Graymills Corp.
Kelite Corp.
Mahon Co., The R. C.
National Ultrasonic Corp.
S & S Machinery Co.

DEMAGNETIZERS

Acme Tool Corp.
Annis Co., R. B.
Blanchard Machine Co., The
Crucible Steel Co. of Amer.
Esco Products Inc.
Erinac Equip. Corp.
Hanchett Magna-Lock Corp.
Magna-Lock Inc.
Ideal Industries Inc.
Indiana Steel Products Co.,
Div. Indiana General Corp.
L-W Chuck Co.
Lufkin Rule Co.
Magnaflex Corp.
Martindale Electric Co.
Montgomery & Co. Inc.
Ro-Lett Tools & Die Mfg. Co.
Roto-Finish Co.
Sid Tool Co. Inc.
Sundstrand-Amer. Broach,
Div. Sundstrand Corp.
Taft-Peirce Mfg. Co., The
Walker Co. Inc., O. S.

DEPTH GAGES, DIAL TYPE (see Gages, Depth, Dial)

DESCALING COMPOUNDS

Del's Tumbling Service
Diversey Corp., The
Kelite Corp.
Lord Chemical Corp., Subsidiary Wheelabrator Corp.
Magnus Chemical Co. Inc.
Minnesota Mining & Mfg. Co.
Mobil Oil Co.
Oakite Products Inc.
Pennsalt Chemicals Corp.
Roto-Finish Co.
Sanson & Sons Inc., Henry E.
Speed-D-Burr Corp.

DIAL FEEDS

(see Feeds, Stock, Dial)

DIAL INDICATORS (see Gages, Dial)

DIALS

Acromark Co., The
Anderson & Sons, Inc.
Conn. Instrument Corp.
General Radio Co.
Inter-Lakes Engrg. Co.
Warren-Knight Co.
Wright-Gregg & Sons, G.

DIAMOND ABRASIVES

A. I. T. Diamond Tool Co.
Abrasive Dressing Tool Co.
Ace Abrasive Labs. Inc.
Amer. Coldset Corp.
Amer. Diamond Tool & Gauge Co.
B. S. A. Tools Ltd.
Bay State Abrasive Products Co.
Blanchard Diamond Div.,
Harmon Machine Co. Inc.

Brown Diamond Inc.
Carborundum Co., The
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Craine-Schwartz Diamond Tool Co.

Danforth Co., The C. W.
Daub & Co. Inc., Harold
Delta Diamond Wheel
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Tool Co.
Diamond Tool Research Co. Inc.
Eigin National Watch Co.,
Abrasives Div.
Engis Equip. Co.
Felker Mfg. Co.
General Industrial Diamond Co. Inc.
Gilmore & Co. Inc., F. F.
International Abrasive Corp.
Koebel Diamond Tool Co.
Kuzmick Co., The Paul
Landau, Herbert H.
National Diamond Lab. Inc.
National Die Chemical Co.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Norton Co., Abrasive Div.
Parsons Diamond Products Inc.
Penn Scientific Products Co.
Precision Carbide Co.
Precision Diamond Tool Co.
Smit & Co. Inc. Anton
Speed-D-Burr Corp.
Stadoll Mfg. Co.
Standard Diamond Tool Corp.
Super-Cut Inc., Golconda Corp.
Superior Abrasive Lab. Inc.
Victor Inc.
Walton Co., R. J.
Wheel Trueing Tool Co.
Wickman Mfg. Co.
Willey's Carbide Tool Co.

DIAMOND BORING TOOLS

Abrasive Dressing Tool Co.
Amer. Coldset Corp.
Amer. Diamond Tool & Gauge Co.
Blanchard Diamond Div.,
Harmon Machine Co. Inc.
Brown Diamond Inc.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Craine-Schwartz Diamond Tool Co.
Delta Diamond Wheel
De Vlieg Microbore Div.,
De Vlieg Machine Co.
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Tool Research Co. Inc.
Felker Mfg. Co.
General Industrial Diamond Co. Inc.
Gilmore & Co. Inc., F. F.
International Abrasive Corp.
Koebel Diamond Tool Co.
Landau, Herbert H.
National Diamond Lab. Inc.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Products Co.
Parsons Diamond Products Inc.
Penn Scientific Products Co.
Permattech Diamond Tool Co.,
Subsidiary Hitchiner Mfg. Co.
Portomag Inc.
Precision Diamond Tool Co.
Sid Tool Co. Inc.
Smit & Co. Inc. Anton
Standard Diamond Tool Corp.
Super-Cut Inc., Golconda Corp.
Walton Co., R. J.
Wheel Trueing Tool Co.
Willey's Carbide Tool Co.

DIAMOND DRESSING TOOLS

A. I. T. Diamond Tool Co.
Abrasive Dressing Tool Co.
Amer. Coldset Corp.
Amer. Diamond Tool & Gauge Co.
Blanchard Diamond Div.,
Harmon Machine Co. Inc.
Brown Diamond Inc.
Clipper Diamond Tool Co. Inc.

Crafts Co. Inc., Arthur A.
Craine-Schwartz Diamond Tool Co.

Delta Diamond Wheel
Desmond-Stephan Mfg. Co.
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Products Inc.
Diamond Tool Co.
Diamond Tool Research Co. Inc.
Diamond Wheel Industries Inc.
Flah-Schurman Corp.
Frauenthal Div., The Kaydon
Engrg. Corp.
General Industrial Diamond Co. Inc.
Gilmore & Co. Inc., F. F.
International Abrasive Corp.
J & S Tool Co. Inc.
Jeon Mfg. Co.
Koebel Diamond Tool Co.
Landau, Herbert H.
Last Word Sales Co.
Metallurgical Products Dept.,
General Electric Co.
National Diamond Lab. Inc.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Newman-L-Tool, Die &
Machine Works
Parsons Diamond Products Inc.
Penn Scientific Products Co.
Permattech Diamond Tool Co.,
Subsidiary Hitchiner Mfg. Co.
Precision Diamond Tool Co.
Rothfuss Tool Co.
Sid Tool Co. Inc.
Smit & Co. Inc. Anton
Standard Diamond Tool Corp.
Super-Cut Industries, Golconda Corp.
Walton Co., R. J.
Wheel Dressing Inc.
Wheel Trueing Tool Co.
Willey's Carbide Tool Co.

DIAMOND DUST, LAPPING

Abrasive Dressing Tool Co.
Ace Abrasive Labs. Inc.
Acme Scientific Co.
Amer. Coldset Corp.
Amer. Diamond Tool & Gauge Co.
Blanchard Diamond Div.,
Harmon Machine Co. Inc.
Brown Diamond Inc.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Craine-Schwartz Diamond Tool Co.
Daub & Co. Inc., Harold
Delta Diamond Wheel
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Tool Co.
Diamond Tool Research Co. Inc.
Diamond Wheel Industries Inc.
Eigin National Watch Co.,
Abrasives Div.
Engis Equip. Co.
Felker Mfg. Co.
General Industrial Diamond Co. Inc.
Gilmore & Co. Inc., F. F.
International Abrasive Corp.
Koebel Diamond Tool Co.
Landau, Herbert H.
National Diamond Lab. Inc.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Parsons Diamond Products Inc.
Penn Scientific Products Co.
Precision Carbide Co.
Precision Diamond Tool Co.
Smit & Co. Inc. Anton
Stadoll Mfg. Co.
Standard Diamond Tool Corp.
Superior Abrasive Lab. Inc.
Walton Co., R. J.
Wheel Trueing Tool Co.
Willey's Carbide Tool Co.

DIAMOND TURNING TOOLS

A. I. T. Diamond Tool Co.
Abrasive Dressing Tool Co.
Action Diamond Tool Co.
Amer. Coldset Corp.
Amer. Diamond Tool & Gauge Co.
Blanchard Diamond Div.,
Harmon Machine Co. Inc.
Boyar-Schultz Corp.

Brown Diamond Inc.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Craine-Schwartz Diamond Tool Co.

Delta Diamond Wheel
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Tool Research Co. Inc.
Diamond Wheel Industries Inc.
Engelhard Industries Inc.
General Industrial Diamond Co. Inc.
Gilmore & Co. Inc., F. F.
International Abrasive Corp.
Koebel Diamond Tool Co.
Landau, Herbert H.
National Diamond Lab. Inc.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Parsons Diamond Products Inc.
Penn Scientific Products Co.
Permattech Diamond Tool Co.,
Subsidiary Hitchiner Mfg. Co.
Precision Diamond Tool Co.
Sid Tool Co. Inc.
Smit & Co. Inc. Anton
Standard Diamond Tool Corp.
Super-Cut Inc., Golconda Corp.
Walton Co., R. J.
Wheel Dressing Inc.
Wheel Trueing Tool Co.
Willey's Carbide Tool Co.

DIAMOND WHEELS (see Grinding Wheels, Diamond)

DIAMONDS, HARDNESS TESTING

Gilmore Co. Inc., F. F.

DIAMONDS, INDUSTRIAL

Abrasive Dressing Tool Co.
Ace Abrasive Labs. Inc.
Amer. Coldset Corp.
Amer. Diamond Tool & Gauge Co.
Blanchard Diamond Div.,
Harmon Machine Co. Inc.
Brown Diamond Inc.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Craine-Schwartz Diamond Tool Co.
Danforth Co., The C. W.
Daub & Co. Inc., Harold
Delta Diamond Wheel
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Tool Co.
Diamond Tool Research Co. Inc.
Diamond Wheel Industries Inc.
Eigin National Watch Co.,
Abrasives Div.
Engelhard Industries Inc.
Engis Equip. Co.
Felker Mfg. Co.
General Industrial Diamond Co. Inc.
Gilmore & Co. Inc., F. F.
International Abrasive Corp.
Koebel Diamond Tool Co.
Landau, Herbert H.
Last Word Sales Co.
Metallurgical Products Dept.,
General Electric Co.
National Diamond Lab. Inc.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Parsons Diamond Products Inc.
Penn Scientific Products Co.
Permattech Diamond Tool Co.,
Subsidiary Hitchiner Mfg. Co.
Portomag Inc.
Precision Diamond Tool Co.
Sid Tool Co. Inc.
Smit & Co. Inc. Anton
Standard Diamond Tool Corp.
Super-Cut Industries, Golconda Corp.
Walton Co., R. J.
Wheel Dressing Inc.
Wheel Trueing Tool Co.
Willey's Carbide Tool Co.

DIE BUTTONS

Acme-Danneman Co. Inc.
Acme Industrial Products Inc.
Bulfoot Co., The
Cleveland Tool & Die Co.

Commando Tool Co. Inc.
Dayton Perforators Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Ford Mfg. Co. Inc., M. A.
Future Products Tool Corp.
Hovis Screwlock Co.
Lewthwaite Machine Co., T. H.
Mercury Tool & Die Co. Inc.
Micro Punch & Die Co.
Pivot Punch & Die Corp.
Porter Precision Products
Richard Bros. Punch Div.,
Allied Products Corp.
Ridge Tool Co., The
Staats & Staats Inc.
Toolset Inc.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Ward Machinery Co.
Whistler & Sons Inc. S. B.
Whitney Mfg. Co., W. A.

DIE-CASTING EQUIPMENT
(see Casting Equipment, Die)

DIE-CASTING MACHINES
Cleveland Automatic Machine
Co., The
DCMT Sales Corp., Div. British
Industrial Corp.
Erinac Equip. Corp.
Greenlee Brothers & Co.
Hydraulic Press Mfg. Co., Div.
Koehring Co.
Lake Erie Machinery Corp.
Reed-Prentiss Div., Package
Machinery Co.
S & S Machinery Co.
Sigma Machinery Inc.
Staats & Staats Inc.

DIE CUSHIONS
Bliss Co., E. W.
Clearing Div., U. S. Industries
Inc.
Danly Machine Specialties Inc.
Lahr Machine & Tool Corp.
Minster Machine Co., The
Rogers Dayton Mfg. Co.
S & S Machinery Co.
Staats & Staats Inc.
Verson Allsteel Press Co.

DIE HANDLERS
(see Handlers, Die)

DIE HEADS, RADIAL
B. S. A. Tools Ltd.
Collins Machinery Corp.
Di-dro Engrg. Co.
Eastern Machine Screw Corp.
Geometric-Horton, Div.
United-Greenfield Corp.
Jones & Lamson Machine Co.
Ridge Tool Co., The
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

DIE HEADS, TANGENTIAL
Geometric-Horton, Div.
United-Greenfield Corp.
Jones & Lamson Machine Co.
Landis Machine Co.
Montgomery & Co. Inc.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

DIEING MACHINES, PRESSES
(see Presses, Dieing
Machines)

DIEMAKING MACHINES
Acme-Danneman Co. Inc.
Easco Products Inc.
Erinac Equip. Corp.
Haller Inc.
International Machine & Tool
Corp.
Lapointe Machine Co.
Pratt & Whitney Co. Inc.
Producto Machine Co.
Rice Pump & Machine Co.
Richards Co., J. A.
S & S Machinery Co.

**DIE SECTIONS, CARBIDE-
EDGED**
Acme-Danneman Co. Inc.

Carbide Tools Inc.
City Tool Corp.
Cleveland Tool & Die Co.
Commando Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Dayton Carbide Tool Co. Inc.
Harig Mfg. Corp.
Holmberg Co. Inc., August W.
Jahn Mfg. Co., The B.
Kennametal Inc.
Marathon Specialty Steels Inc.
Metallurgical Products Dept.
General Electric Co.
Meyers Co., W. F.
Oberg Mfg. Co. Inc.
Sintercast Div., Chromalloy
Corp.
Stein & Co. Inc., William P.
Tungsten Alloy Mfg. Co. Inc.
Ultra Hard Metals Inc.
U. S. Carbide Tool Inc.
Vamco Machine & Tool Inc.
Willey's Carbide Tool Co.

DIE SECTIONS, STEEL

Acme-Danneman Co. Inc.
Acme Industrial Products Inc.
Allegheny Ludlum Steel Corp.
Bethlehem Steel Co.
City Tool Corp.
Cleveland Tool & Die Co.
Commando Tool Co. Inc.
Crucible Steel Co. of Amer.
Darwin & Milner
Dayton Carbide Tool Co. Inc.
Fischer Die & Stamping Co.
Future Products Tool Corp.
Harig Mfg. Corp.
Holmberg Co. Inc., August W.
Hovis Screwlock Co.
Jahn Mfg. Co., The B.
Jessop Steel Co.
Liberty Tool & Die Corp.
Meehanite Metal Corp.
Mercury Tool & Die Co. Inc.
Octavia Tool & Gage Co.
Ohio Knife Co., The
Payne Tool & Engrg. Co., The
Richard Bros. Punch Div.,
Allied Products Corp.
Royal Oak Tool & Machine
Co., Grinder Div.
Staats & Staats Inc.
Stein & Co. Inc., William P.
Vamco Machine & Tool Inc.
Vanadium-Alloys Steel Co.

DIE SETS & ACCESSORIES

Acme-Danneman Co. Inc.
Arrowsmith Tool & Die Corp.
Bliss Co., E. W.
Butterfield Div., Union
Twist Drill Co.
Danly Machine Specialties Inc.
Di-dro Engrg. Co.
Diakin & Son, J. A.
Die Set Div., Producto Machine
Co.
Die Supply Div., E. W. Bliss
Co.
Evans Reamer & Machine Co.
Heppenstall Co., Midvale-
Heppenstall Co.
Lemert Engrg. Co.
Lempco Industrial Inc., Machine
& Tool Div.
Loeffel Co. Inc., The Arthur
Meehanite Metal Corp.
O'Neill-Irwin Mfg. Co.
Payne Tool & Engrg. Co., The
Richards Co., J. A.
Ridge Tool Co., The
Snap-On Tools Corp.
Standard Die Set Co., Div.
Harsco Corp.
Union Mfg. Co.
U. S. Tool Co. Inc.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Waltham Machine Works Inc.
Ward Machinery Co.

**DIE SINKERS (see Milling
Machines, Die Sinking)**

**DIES LAMINATION (see
Lamination Dies)**

- DIES, MARKING

Acme Marking Equip. Co.
Acromark Co., The
Bethlehem Steel Co.
Cadillac Stamp Co.
Cunningham Co., M. E.
Defiance Machine & Tool Co.
Hayes Aircraft Corp.
Hjorth Lathe & Tool Co.
Hoggson & Pettis Mfg. Co.
Imperial Stamp & Engraving Co.
Matthews & Co., James H.
Meehanite Metal Corp.
Metallurgical Products Dept.
General Electric Co.
Noble & Westbrook Mfg.
Pannier Corp., The
Parker-Hartford Corp., The
Schmidt Inc., George T.
Worcester Stamp Co.
Wright-Gregg & Sons, G.

DIES, NOTCHING

Acme Industrial Products Inc.
Arrowsmith Tool & Die Corp.
Benerson Corp.
Berkroy Products
Cincinnati Shaper Co., The
City Tool Corp.
Cleveland Tool & Die Co.
Commando Tool Co. Inc.
Durable Punch & Die Co.
Hanover Tool Co. Inc.
Harig Mfg. Corp.
Hayes Aircraft Corp.
Holmberg Co. Inc., August W.
Lewthwaite Machine Co., T. H.
Liberty Tool & Die Corp.
Meehanite Metal Corp.
Mercury Tool & Die Co. Inc.
Noble & Westbrook Mfg.
Oberg Mfg. Co. Inc.
Octavia Tool & Gage Co.
O'Neill-Irwin Mfg. Co.
Payne Tool & Engrg. Co., The
Punch Products Corp.
Royal Oak Tool & Machine
Co., Grinder Div.
Staats & Staats Inc.
Stein & Co. Inc., William P.
Taylor-Winfield Corp.
Tishken Products Co.
Toolset Inc.
Universal Instrument Corp.
Vamco Machine & Tool Inc.
Verson Allsteel Press Co.
Vulcan Tool Co.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Ward Machinery Co.
Whistler & Sons Inc., S. B.
Whitney Metal Tool Co.
Whitney Mfg. Co., W. A.
Willey's Carbide Tool Co.

DIES, NUMBERING

Acromark Co., The
Bethlehem Steel Co.
Cadillac Stamp Co.
Cunningham Co., M. E.
Defiance Machine & Tool Co.
Hoggson & Pettis Mfg. Co.
Matthews & Co., James H.
Meehanite Metal Corp.
Pannier Corp., The
Parker-Hartford Corp., The
Punch Products Corp.
Schmidt Inc., George T.
Worcester Stamp Co.
Wright-Gregg & Sons, G.

DIES, PERFORATING

Acme Industrial Products Inc.
Benerson Corp.
Cincinnati Shaper Co., The
City Tool Corp.
Cleveland Tool & Die Co.
Commando Tool Co. Inc.
Dayton Perforators Inc.
DeKalb Precision Industries
Die-Draulic Grip Inc.
Durable Punch & Die Co.
Fischer Die & Stamping Co.
Future Products Tool Corp.
Hanover Tool Co. Inc.
Harig Mfg. Corp.
Hayes Aircraft Corp.
Holmberg Co. Inc., August W.
Hovis Screwlock Co.

Jahn Mfg. Co., The B.
Lewthwaite Machine Co., T. H.
Liberty Tool & Die Corp.
Marathon Specialty Steels Inc.
Meehanite Metal Corp.
Mercury Tool & Die Co. Inc.
Micro Punch & Die Co.
Mutual Machine Co. Inc.
Oberg Mfg. Co. Inc.
Octavia Tool & Gage Co.
O'Neill-Irwin Mfg. Co.
Payne Tool & Engrg. Co., The
Pivot Punch & Die Corp.
Porter Precision Products
Punch Products Corp.
Richard Bros. Punch Div.,
Allied Products Corp.
Ring Punch & Die Div.,
Producto Machine Co.
Royal Oak Tool & Machine Co.,
Grinder Div.
Stein & Co. Inc., William P.
Taylor-Winfield Corp.
Toolset Inc.
Vamco Machine & Tool Inc.
Verson Allsteel Press Co.
Vulcan Tool Co.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Ward Machinery Co.
Whistler & Sons Inc., S. B.
Whitney Metal Tool Co.
Willey's Carbide Tool Co.

DIES, PIERCING, STANDARD

Acme Industrial Products Inc.
Arrowsmith Tool & Die Corp.
Benerson Corp.
Berkroy Products Co.
Carbide Tools Inc.
City Tool Corp.
Clearing Div., U. S. Industries
Inc.
Cleveland Tool & Die Co.
Commando Tool Co. Inc.
Dayton Perforators Inc.
DeKalb Precision Industries
Die-Draulic Grip Inc.
Durable Punch & Die Co.
Fischer Die & Stamping Co.
Future Products Tool Corp.
Hayes Aircraft Corp.
Hovis Screwlock Co.
Hy-Du-Lignum Co.
Lemert Engrg. Co. Inc.
Lewthwaite Machine Co., T. H.
Liberty Tool & Die Corp.
Loeffel Co. Inc., The Arthur
Marathon Specialty Steels Inc.
Meehanite Metal Corp.
Mercury Tool & Die Co. Inc.
Micro Punch & Die Co.
O'Neill-Irwin Mfg. Co.
Pivot Punch & Die Corp.
Punch Products Corp.
Richard Bros. Punch Div.,
Allied Products Corp.
Ring Punch & Die Div.,
Producto Machine Co.
Royal Oak Tool & Machine Co.,
Grinder Div.
Staats & Staats Inc.
Toolset Inc.
Verson Allsteel Press Co.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Ward Machinery Co.
Whistler & Sons Inc., S. B.
Whitney Metal Tool Co.

DIES, PIPE THREAD

Acme Industrial Products Inc.
Armstrong Bros. Tool Co.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Card Div., S. W., Union Twist
Drill Co.
Collins Machinery Corp.
Davis & Thompson Co.
DoAll Co., The
Everard Tap & Die Corp.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hayes Aircraft Corp.
Landis Machine Co.
Morse Twist Drill & Machine
Co., Div. Van Norman
Industries Inc.
Pottstown Machine Co.

PRODUCTS

DIES, PIPE THREAD (cont.)

Ridge Tool Co., The
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Standard Tool Co.
Toledo Pipe Threading
Machine Co.
Winter Brothers Co.

DIES & PUNCHES, STANDARD (see also Punches & Dies)

Acme-Danneman Co. Inc.
Acme Industrial Products Inc.
Allen Alva Industries
Bath Cyril Co., The
Bethlehem Steel Co.
Carbide Tools Inc.
Cincinnati Shaper Co., The
Clearing Div., U. S.
Industries Inc.
Dayton Perforators Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Ford Mfg. Co. Inc., M. A.
Future Products Tool Corp.
Hayes Aircraft Corp.
Hovis Screwlock Co.
Hy-Du-Lignum Co.
Lewthwaite Machine Co., T. H.
Marchant Co., George F.
Meehanite Metal Corp.
Mercury Tool & Die Co. Inc.
Micro Punch & Die Co.
Niagara Machine & Tool
Works
O'Neill-Irwin Mfg. Co.
Pivot Punch & Die Corp.
Porter Precision Products
Pratt & Whitney Co. Inc.
Punch Products Corp.
Rafter Machine Co. Inc.
Richard Bros. Punch Div.,
Allied Products Corp.
Ring Punch & Die Div.,
Producto Machine Co.
Ryerson & Son Inc., Joseph T.
Stoke Corp., F. J.
U. S. Carbide Tool Inc.
Universal Instrument Corp.
Verson Allsteel Press Co.
Wales Strippl Inc., Unit
Haudallie Industries Inc.
Walham Machine Works Inc.
Ward Machinery Co.
Whistler & Sons Inc., S. B.
Whitney Mfg. Co., W. A.

DIES, THREADING (see also Chasers, Thread)

Bay State Tap & Die Co.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Card Div., S. W., Union Twist
Drill Co.
DoAll Co., The
Everard Tap & Die Corp.
Greenfield Tap & Die Div.
United-Greenfield Corp.
Jaw Mfg. Co.
Jones & Lamson Machine Co.
Keystone Reamer & Tool Co.
Mohr Tool & Mfg. Co.
Morse Twist Drill & Machine
Co., Div. Van Norman
Industries Inc.
National Acme Co., The
Pratt & Whitney Co. Inc.
Ridge Tool Co., The
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Snap-On Tools Corp.
Standard Tool Co.
Threadwell Tap & Die Co.
Toledo Pipe Threading Machine
Co.
Winter Brothers Co.

DIES, THREAD-ROLLING

B. S. A. Tools Ltd.
Butterfield Div., Union Twist
Drill Co.
Detroit Tap & Tool Co.
Everard Tap & Die Corp.
Jerbak Bayless Co.
Landis Machine Co.
Mettler Machine Tool Co. Inc.,
Shuster Div.

Pratt & Whitney Co. Inc.
Prutton Corp.
Reed Rolled Thread Die Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Pressed Steel Co.
Wesson Co., D. B.

DIES, UPSETTING

Commercial Die Co.
Meehanite Metal Corp.
Royal Oak Tool & Machine Co.,
Grinder Div.
Ultra Hard Metals Inc.

DIES, WIRE-DRAWING

Adamas Carbide Corp.
Alsop Engrg. Corp.
Balloffet-Vlanney Wire Die Co.
Inc.
Carbide Tools Inc.
DeKalb Precision Industries
Firth Sterling Inc.
Future Products Tool Corp.
Marathon Specialty Steels Inc.
Metallurgical Products Dept.,
General Electric Co.
Royal Oak Tool & Machine Co.,
Grinder Div.
Staats & Staats Inc.
Vascoloy-Ramet Corp.
Willey's Carbide Tool Co.

DIP TANK CLEANING EQUIPMENT (see Cleaning Equipment, Dip Tank)

DISCHARGE MACHINES (see Electrical Discharge Machines)

DISINTEGRATORS, METAL (see Electrical Discharge Machines)

DIVIDERS & SCRIBERS

Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Bruning Co., Charles
Cullen Mfg. Co.
Dietzgen Co., Eugene
DoAll Co., The
General Hardware Mfg. Co. Inc.
H B Tools
Lufkin Rule Co.
Millers Falls Co.
Montgomery & Co. Inc.
Ro-Lett Tools & Die Mfg.
Scherr-Tumlico Co.
Sid Tool Co. Inc.
Starrett Co., The L. S.
Swiss Precision Tool Co.

DIVIDING HEADS

AA Gage Co., Design Engrg. Div.
Acme Tool Corp.
Alina Corp.
Austin Industrial Corp.
Barer Engrg. & Machinery Co.
Ltd.
Bentley Industrial Corp.
Borel & Dunner
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding
Machines Inc.
Custom Scientific Instruments
Inc.
Deakin & Son, J. A.
Engis Equipment Co.
Erickson Tool Co.
Falcon Machine & Tool Co. Inc.
Hardinge Brothers Inc.
Hartford Special Machine Co.
Kempsmith Machine Co.
L-W Chuck Co.
Lapointe Machine Co.
Neise, Karl A.
Nichols-Morris Corp.
S & S Machinery Co.
Scherr-Tumlico Co.
Sid Tool Co. Inc.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
U. S. Burke Machine Tool, The
Div. Cincinnati Mfg. Co.
Universal Vise & Tool Co.

DIVIDING HEADS, OPTICAL

Alina Corp.

Barer Engrg. & Machinery Co.
Ltd.
Bentley Industrial Corp.
Deakin & Son, J. A.
Engis Equipment Co.
Ercona Corp.
Opto-Metric Tools Inc.
Parker-Hartford Corp., The
S & S Machinery Co.
Scherr-Tumlico Co.
Swiss Precision Tool Co.
Zeiss Inc., Carl

DOGS, GRINDER

Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Ready Tool Co., The
Sid Tool Co. Inc.
Universal Engrg. Co.

DOGS, LATHE

Armstrong Bros. Tool Co.
Billings & Spencer Co., The
PIC Design Corp.
Sid Tool Co. Inc.
South Bend Lathe Inc.
Williams & Co., J. H.

DOGS, MILLING

Armstrong Bros. Tool Co.
Burklyn Co.
Custanite Corp.
Ready Tool Co., The
Williams & Co., J. H.

DOVETAIL SLIDES

Cincinnati Electrical Tool Co.,
The
Gilman Inc., R. T.
Hisey-Wolf Machine Co., The

DOWEL PINS

Acme-Danneman Co. Inc.
Acme Industrial Co.
Allen Mfg. Co.
Bristol Co., The
Carr Lane Mfg. Co.
Danyl Machine Specialties Inc.
DeVan-Johnson Co.
Elastic Stop Nut Corp. of Amer.
Frauenthal Div., The Kaydon
Engrg. Corp.
Holo-Krone Screw Corp., The
Hy-Du-Lignum Co.
Jergens Tool Specialty Co.
Kindt-Collins Corp.
Parker-Kalon Div., Ggneral
Amer. Transportation
PIC Design Corp.
Richard Bros. Punch Div.,
Allied Products Corp.
Sid Tool Co. Inc.
Standard Die Set Corp., Div.
Harcro Corp.
Standard Horse Nail Corp.
Standard Pressed Steel Co.
Star Stainless Screw Co.
Torrington Co., The
U. S. Tool Co. Inc.

DRAFTING BOARDS & TABLES

Bruning Co., Chas.
Dietzgen Co., Eugene
Emmert Mfg. Co.
ISIS Inc.
Keuffel & Esser Co.
Lyon Metal Products Inc.
Mayline Co. Inc.
Standard Pressed Steel Co.

DRAFTING INSTRUMENTS

Bruning Co., Chas.
Dietzgen Co., Eugene
Emmert Mfg. Co.
ISIS Inc.
Keuffel & Esser Co.
Nelson Template Co.
Wild Heerburg Instruments

DRAFTING MACHINES & STRAIGHTEDGES

Aero Service Corp.
Bruning Co., Chas.
Dietzgen Co., Eugene
Emmert Mfg. Co.
ISIS Inc.

Keuffel & Esser Co.
Mayline Co. Inc.
Starrett Co., The L. S.
Universal Drafting Machine Corp
Universal Instrument Corp.

DRAFTING ROOM EQUIPMENT

Bruning Co., Chas.
Dietzgen Co., Eugene
Emmert Mfg. Co.
ISIS Inc.
Keuffel & Esser Co.
Lyon Metal Products Inc.
Mayline Co. Inc.
Momar Industries
Pease Co., The C. F.

DRAFTING SUPPLIES (see also Paper)

Dietzgen Co. Eugene
ISIS Inc.
PIC Design Corp.

DRAWING COMPOUNDS

Acheson Colloids Co., Div.
Acheson Industries Inc.
Aldridge Industrial Oils Inc.
Amchem Products Inc.
Anderson Oil & Chemical Co. Inc.
Bel-Ray Co. Inc.
Bruce Products Corp.
Cliff Sales Co.
Cook's Sons Inc., Adam
Dietzgen Co., Eugene
Esso Standard Oil Co., Humble
Oil & Refining
Gulf Oil Corp.
Hangsterfers Laboratories
Johnson & Son Inc., S. C.
Kerns Co., L. R.
Keystone Lubricating
Magnus Chemical Co. Inc.
Metal Lubricants Co.
Metalloid Corp.
Mobil Oil Co.
National Refining Co., Div.
Ashland Oil & Refining
Northwest Chemical Co. Inc.
Oakite Products Inc.
Pate Oil Co.
Pennsalt Chemicals Corp.
Penola Oil Co.
Samson Inc. & Sons, Henry E.
Specialty Products Co.
Texaco Inc.
United Laboratories Inc.
Wayne Chemical Products Co.
White & Bagley Co., The

DRAWING MACHINES, WIRE & BAR

Amer. Laubscher Corp.
Fenn Mfg. Co., The
Loewy-Hydropross, Baldwin-
Lima-Hamilton Corp.
Loma Machine Mfg. Co. Inc.
McKay Machine Co., The
Waterbury Farrel Foundry &
Machine Div., Textron Inc.

DRESSERS, ELECTRODE

Aro Equipment Corp., The
Jarvis Corp.
Penn Scientific Products Co.

DRESSERS, WHEEL (see Wheel Dressers)

DRESSING, BELT (see Belt Dressing)

DRESSING STICKS

Carborundum Co.
Hanson Co.
Penn Scientific Products Co.
Sid Tool Co. Inc.

DRILL CHUCK ARBORS

Alina Corp.
Black & Decker Mfg. Co., The
Chi-Co. Inc.
Cleveland Twist Drill Co., The
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Lee Co., K. O.
Sid Tool Co. Inc.
Supreme Products Corp.

DRILL CHUCKS (see Chucks, Drill)

DRILL EXTENSIONS
Ritmar Corp.

DRILL FIXTURES, AUTOMATIC

A & C Engrg. Co. Inc.
Acme-Danneman Co. Inc.
Amer. Drill Bushing Co.
Arrowsmith Tool & Die Corp.
Buckeye Tools Corp.
Carbide Tools Corp.
Carbide Tools Inc.
Chicago Tool & Engrg. Co.
Inter-Lakes Engrg. Co.
Jahn Mfg. Co., The B.
Lamb Co., F. Jos.
Mercury Tool & Die Co. Inc.
Payne Tool & Engrg. Co., The
Rehnberg-Jacobson Mfg. Co.
Rite-O-Tool & Gage Co.
Royal Oak Tool & Machine Co.
Grinder Div.
Royer Tools
Suprecision Products
Tressler Engrg. Products Div.
Turner Bros. Inc.
Universal Instrument Corp.
Wisconsin Drill Head Co.
Woodworth Co., N. A.
Zagar Inc.

DRILL HOLDERS (see Holders, Drill)

DRILL JIG BUSHINGS
(see Bushings, Drill, Jig)

DRILL JIGS, STANDARD

Accurate Bushing Co.
Acme-Danneman Co. Inc.
Arrowsmith Tool & Die Corp.
Buckeye Tools Corp.
Carbide Tools Inc.
Chicago Tool & Engrg. Co.
Cleveland Universal Jig Co., The
H B Tools
Hayes Aircraft Corp.
Heuser Mfg. Co.
Hy-Du-Lignum Co.
Mercury Tool & Die Co. Inc.
Montgomery & Co. Inc.
Rockford Engineered Products Co.
Siewek Tool Co.
Standard Parts Co.
Suprecision Products
Swartz Tool Products Co. Inc.
Tomco Inc.
Tressler Engrg. Products Div.
Universal Instrument Corp.
Wisconsin Drill Head Co.
Woodworth Co., N. A.
Zagar Inc.

DRILL PRESSES (see Drilling Machines)

DRILL & REAMER BLANKS

Ace Drill Corp.
B & W Precision Products Co.
Butterfield Div., Union Twist Drill Co.
Chicago-Latrobe
Chicago Pneumatic Tool Co.
Cleveland Twist Drill Co., The
Continental Drill Corp.
Crucible Steel Co. of Amer.
DoAll Co., The
F & D Tool Co. Inc.
Glenbard Tool Mfrs. Inc.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Twist Drill & Tool Co.
N Y Twist Drill Co. Inc.
Pratt & Whitney Co. Inc.
Precision Twist Drill & Machine Co.
Sid Tool Co. Inc.
Standard Tool Co.
Union Twist Drill Co.
Vascoloy-Ramet Corp.
Whitman & Barnes

DRILL-REAMERS, COMBINATION
Custanite Corp.
Hutchins Co., Roy A.

DRILL ROD

Ace Drill Corp.
Acme-Danneman Co. Inc.
Allegheny Ludlum Steel Corp.
Boyd-Wager Co.
Brunner & Lay Inc.
Carpenter Steel Co., The
Chicago Pneumatic Tool Co.
Crucible Steel Co. of Amer.
Darwin & Milner
DoAll Co., The
Firth Sterling Inc.
Marathon Special Steels Inc.
Marshall Steel Co.
Pittsburgh Tool Steel Wire Div., Vanadium-Alloys Steel Co.
Porter Co. Inc., H. K.
Precision Products Co.
Ryerson & Son Inc., Joseph T.
Sid Tool Co. Inc.
Uddeholm Co. of Amer. Inc.
Vanadium-Alloys Steel Co.

DRILL SHAFTS, PINION
Ward-Riddle Co., The

DRILL-SHARPENING MACHINES

Alina Corp.
Dumore Precision Tools Co.
Jersey Mfg. Co.
Leland-Gifford Co.
Royal Oak Tool & Machine Co., Grinder Div.
Up-To-Date Tool Co.

DRILLING ATTACHMENTS

Amer. Heller Corp.
Avey Div., Motch & Merryweather Machinery Co.
Beaver Tool Co.
Black & Decker Mfg. Co., The
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Chicago Pneumatic Tool Co.
Chicago Quadrill Co.
Chicago Tool & Engrg. Co.
Cincinnati Bickford Div., Giddings & Lewis Machine Tool Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Derbyshire Inc., F. W.
Drillimation Co. Inc.
Dumore Precision Tools Co.
Gilman Inc., R. T.
Hanover Tool Co. Inc.
Jarvis Corp.
Jersey Mfg. Co.
Loeffel Co. Inc., The Arthur Quackenbush Co., A. B.
Ritmar Corp.
Sheppard, Stanley
Sheridan Products Inc.
Skill Corp.
Snow Mfg. Co.
South Bend Lathe Inc.
Swift Ohio Corp.
Thriftmaster Products Corp.
U. S. Drill Head Co.
Winslow Product Engrg.
Zagar Inc.

DRILLING EQUIPMENT, PORTABLE

Assoc. Machine Tool Corp.
Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cincinnati Bickford Div., Giddings & Lewis Machine Tool Co.
Dumore Precision Tools Co.
Hanover Tool Co. Inc.
Lehmann-Fulton Boring Tool Co. Div. Fulton Iron Works
Lloyd Tool Corp.
Porter-Cable Machine Co.
Portomag Inc.
Quackenbush Co., A. B.
Skill Corp.
Superior Pneumatic & Mfg. Inc.
Swift Ohio Corp.
Thor Power Tool Co.
Winslow Products Engrg.

DRILLING EQUIPMENT, SQUARE HOLE
Watts Bros. Tool Works

DRILLING HEADS

Alina Corp.
Alkon Products Corp.
Assoc. Machine Tool Corp.
Avey Div., Motch & Merryweather Co.
Barnes Corp., John S.
Batchelder Engrg.
Bausch Machine Tool Co.
Bedford Gear & Machine Products Inc.
Bellows-Valvair, Div. IBEC
Brown & Sharpe Mfg. Co., Machine Tool Div.
Buffalo Forge Co.
Carney-Stansfield Co.
Cincinnati Bickford Div., Giddings & Lewis Machine Tool Co.
Cleveland Pneumatic Industries Inc. Industrial Products Div.
Delta Power Tool Div., Rockwell Mfg. Co.
Drillimation Co., Inc.
Drillunit Inc.
Dumore Precision Tools Co.
Errington Mechanical Inc.
Etico Tool & Machine Co. Inc.
Fox Engrg. Co.
Hanover Tool Co. Inc.
Hartford Special Machine Co.
Hause Machines Inc.
Hoefler Mfg. Co.
Hole Engrg. Service Co.
Hypneumat Inc.
Jarvis Corp.
Jersey Mfg. Co.
Johnson Drill Head Co.
Lamb Co., F. Jos.
Leland-Gifford Co.
Model Machine Co. Inc.
Mohawk File & Tool Co.
Morris Machine Tool Co.
Motch & Merryweather Co., Machinery Co., The
Orban Co. Inc., Kurt
Precise Products Corp.
Rehnberg-Jacobson Mfg. Co.
Root Co., B. M.
S & S Machinery Co.
Sheppard, Stanley
Simplex Tool Engrg. Co.
Snow Mfg. Co.
South Bend Lathe Inc.
Special Machine & Engrg. Inc.
Standard Electrical Tool Co., The
Standard Tool & Mfg. Co.
Swift Ohio Corp.
Thompson Mfg., Earl A.
Thriftmaster Products Corp.
U. S. Drill Head Co.
Universal-Automatic Corp.
Wisconsin Drill Head Co.
Zagar Inc.

DRILLING MACHINES, AUTOMATIC

Agnew Machine Co.
Alina Corp.
Alkon Products Corp.
Amer. Tool Works Co., The
Aro Equipment Corp., The
Arrowsmith Tool & Die Corp.
Assoc. Machine Tool Corp.
Avey Div., Motch & Merryweather
Bachmann Inc., Eric R. Co.
Barer Engrg. & Machinery Co. Ltd.
Barnes Drill Co.
Barnes Co., W F & John
Batchelder Engrg.
Bausch Machine Tool Co.
Beckett - Harcum Co.
Bedford Gear & Machine Products Inc.
Benerson Corp.
Bodine Corp., The
Brown & Sharpe Mfg. Co., Machine Tool Div.
Buckeye Tools Corp.
Burg Tool Mfg. Co. Inc.
Carbide Tools Inc.
Carney-Stansfield Co.
Cleareman Machine Tool Corp.

Cleveland Pneumatic Industries, Inc. Industrial Products Div.
Drillimation Co., Inc.
Drillunit Inc.
Dumore Precision Tools Co.
Edlund Machinery Co. Div.
Haraco Corp.
Electro-Mechano Co., The
Etico Tool & Machine Co., Inc.
Expert Welding Machine Co.
Expert Automation Machine
Felker Mfg. Co.
Fitchburg Engrg. Corp.
Fosdick Machine Tool Co., The
Fox Engrg. Co.
Gardner-Denver Co.
General Tool Div., The
General Fire Extinguisher Corp.
Gilman Inc., Russell T.
Hartford Special Machine Co.
Hause Machines Inc.
Hill Machine Co.
Hillyer Corp.
Hoefler Mfg. Co.
Hole Engrg. Service
Hypneumat Inc.
Ingersoll Milling Machine Co.
Inter-Lakes Engrg. Co.
Kaufman Mfg. Co.
Kenhos Corp. Div.
Kingsbury Machine Tool Corp.
Lahr Machine & Tool Corp.
Lamb Co., F. Jos.
Leland-Gifford Co.
Liberty Tool & Die Corp.
Mercury Tool & Die Co., Inc.
Merr Engrg. Inc.
Micro-Path Inc. Subsidiary
United Industrial Corp.
Moline Tool Co.
Morris Machine Tool Co.
Motch & Merryweather Machinery Co., The
National Automatic Tool Co. Inc.
National Jet Co.
Portomag Inc.
Pottstown Machine Co.
Quackenbush Co., A. B.
Redin Products Machine Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Sheppard Stanley
Snow Mfg. Co.
Snyder Corp.
Swift Ohio Corp.
Thompson Mfg. Co., Earl A.
Transmares Corp.
Turner Bros. Inc.
Universal - Automatic Corp.
Wender Presses Inc.
Winslow Products Engrg.
Wisconsin Drill Head Co.
Zagar Inc.

DRILLING MACHINES, DEEP HOLE

Agnew Machine Co.
Alina Corp.
Arrowsmith Tool & Die Corp.
Assoc. Machine Tool Corp.
Avey Div., Motch & Merryweather
Barer Engrg. & Machinery Co., Ltd.
Barnes Co., W. F. & John
Bausch Machine Tool Co.
Bellows-Valvair Divs. of IBEC
Brown & Sharpe Mfg. Co., Machine Tool Div.
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
Chicago Pneumatic Tool Co.
Drillimation Co. Inc.
Drillunit Inc.
Ex-Cell-O Corp., Detroit
General Tool Div., The
General Fire Ext. Corp.
Gilman Inc., Russell T.
Hause Machines Inc.
Hypneumat Inc.
Lahr Machine & Tool Corp.
Lamb Co., F. Jos.
Le Blond Machine Tool Co., R. K.
Leland-Gifford Co.
Morris Machine Tool Co.
Morton Mfg. Co.
National Automatic Tool Co. Inc.
Quackenbush Co., A. B.
Redin Products Machine Co.

PRODUCTS

DRILLING MACHINES, DEEP HOLE (cont.)

S & S Machinery Co.
Simplex Machine Tool Corp.
Snow Mfg. Co.
Snyder Corp.
Swift Ohio Corp.
Turner Bros. Inc.

DRILLING MACHINES, GUN

Agnew Machine Co.
Assoc. Machine Tool Corp.
Avey Div. Motch & Merryweather Machinery Co.
Barnes Co., W F & John
Baush Machine Tool Co.
Bedford Gear & Machine Products Inc.
Bellows-Valvair Div. of IBEC
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Burg Tool Mfg. Co. Inc.
Drillimation Co. Inc.
Edlund Machinery Co. Div.
Harsco Corp.
Ex-Cell-O Corp., Detroit
Gilman Inc., Russell T.
Hause Machine Inc.
Hypneumat Inc.
Lahr Machine & Tool Corp.
Le Blond Machine Tool Co., R. K.
Leland - Gifford Co.
Morris Machine Tool Co.
Quackenbush Co., A. B.
S & S Machinery Co.
Simplex Machine Tool Corp.
Special Machine & Engrg. Inc.
Turner Brothers Inc.

DRILLING MACHINES, HORIZONTAL

Agnew Machine Co.
Arrowsmith Tool & Die Corp.
Assoc. Machine Tool Corp.
Avey Div. Motch & Merryweather Machinery Co.
Barer Engrg. & Machinery Co.
Barnes Drill Co.
Barnes Co., W F & John
Batchelder Engrg.
Baush Machine Tool Co.
Bedford Gear & Machine Products Inc.
Bellows-Valvair Div. of IBEC
Bodine Corp., The
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Bullard Co., The
Burg Tool Mfg. Co. Inc.
Carlton Machine Tool Co., The
Carney - Stansfield Co.
Cincinnati Bickford Div., Giddings & Lewis Machine Tool
Cincinnati Gilbert Machine Tool Co., The
Cross Co., The
Davis & Thompson Co.
Drillimation Co. Inc.
De Villeg Machine Co.
Drillimation Co. Inc.
Drillunit Inc.
Dumore Precision Tools Co.
Edlund Machinery Co., Div.
Harsco Corp.
Electro-Mechano Co., The
Ettco Tool & Machine Co. Inc.
Felker Mfg. Co.
Foote-Burt Co., The
Fox Engrg. Co.
Frew Machine Co., The
Greenlee Brothers & Co.
Hartford Special Machine Co.
Hause Machines Inc.
Hoefler Mfg. Co.
Hypneumat Inc.
Ingersoll Milling Machine
Kearney & Trecker Corp.
Lahr Machine & Tool Corp.
Lamb Co., F. Jos.
Leland-Gifford Co.
Lucas Machine Div., The New Britain Machine Co.
Moline Tool Co.
Morris Machine Tool Co.
National Automatic Tool Co., Inc.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Seneca Falls Machine Co.
Simplex Machine Tool Corp.
Snow Mfg. Co.

Swift Ohio Corp.
Thompson Mfg. Co., Earl A.
Transmores Corp.
Turner Brothers Inc.
Universal-Automatic Corp.
Wisconsin Drill Head Co.
Zagar Inc.

DRILLING MACHINES, LAYOUT

Arrowsmith Tool & Die Corp.
Assoc. Machine Tool Corp.
Avey Div. Motch & Merryweather
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
Cincinnati Bickford Div., Giddings & Lewis Machine Tool Co.
Cincinnati Lathe & Tool Co.
Cleereman Machine Tool Corp.
Edlund Machinery Co., Div.
Harsco Corp.
Foedick Machine Tool Co., The
Green Instrument Co. Inc.
Hamilton Tool Co., The
Hillyer Corp.
Leland-Gifford Co.
Micro-Fath Inc., Subsidiary
United Industrial Corp.
S & S Machinery Co.
Turner Bros. Inc.
Wales Stripit Inc., Unit
Haudaille Industries Inc.
Wender Presses Inc.

DRILLING MACHINES, MULTIPLE-SPINDLE

Agnew Machine Co.
Alina Corp.
Arrowsmith Tool & Die Corp.
Assoc. Machine Tool Corp.
Avey Div. Motch & Merryweather
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co. Ltd.
Barnes Drill Co.
Barnes Co., W F & John
Batchelder Engrg.
Bush Machine Tool Co.
Bellows-Valvair Div. of IBEC
Bodine Corp., The
Boice-Crane Co.
Buffalo Forge Co.
Buhr Machine Tool Co.
Bullard Co., The
Burg Tool Mfg. Co. Inc.
Burgmaster Corp.
Carney-Stansfield Co.
Cincinnati Bickford Div., Giddings & Lewis Machine Tool Co.
Cincinnati Lathe & Tool Co.
Clausing Div., Atlas Press Co.
Cleereman Machine Tool Corp.
Cleveland Pneumatic Industries
Industrial Products Div.
Cleveland Tapping Machine Co.
Cross Co., The
Davis & Thompson Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Drillimation Co. Inc.
Drillunit Inc.
Duro Metal Products Co.
Edlund Machinery Co. Div.
Harsco Corp.
Electro-Mechano Co., The
Ettco Tool & Machine Co. Inc.
Famco Machine Co.
Foote-Burt Co., The
Fosdick Machine Tool Co., The
Fox Engrg. Co.
Greenlee Brothers & Co.
Hamilton Tool Co., The
Hartford Special Machine Co.
Hause Machines Inc.
Hoefler Mfg. Co.
Hypneumat Inc.
Ingersoll Milling Machine
Kearney & Trecker Corp.
Lahr Machine & Tool Corp.
Lamb Co., F. Jos.
Leland-Gifford Co.
LeMaire Machine Tool Co.
Lennox Tool & Machine Builders
Moline Tool Co.
Morris Machine Tool Co.
National Automatic Tool Co., Inc.

Pottstown Machine Co.
Precision Tool & Mfg. Co.
Rehnberg-Jacobson Mfg. Co.
Root Co., B. M.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Sigourney Tool Co. Div.
Smyth Mfg. Co., The
Snow Mfg. Co.
Snyder Corp.
South Bend Lathe Inc.
Special Machine & Engrg. Inc.
Sundstrand Machine Tool Div.
Sandstrand Corp.
Swift Ohio Corp.
Transmores Corp.
Turner Brothers Inc.
Universal-Automatic Corp.
Wisconsin Drill Head Co.
Zagar Inc.

DRILLING MACHINES, PLANNER TYPE

Carlton Machine Tool Co., The

DRILLING MACHINES, RADIAL

Amer. Tool Works Co., The
Assoc. Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co., Ltd.
Bentley Industrial Corp.
Boice-Crane Co.
British Machine & Foundry
Supplies Div. British Industries Corp.
Burg Tool Mfg. Co. Inc.
Carlton Machine Tool Co., The
Carney-Stansfield Co.
Cincinnati Bickford Div., Giddings & Lewis Machine Tool Co.
Cincinnati Gilbert Machine Tool Co.
Cincinnati Lathe & Tool Co.
Columbia International Corp.
Cosa Corp.
Foote-Burt Co., The
Fosdick Machine Tool Co., The
George Machinery, James W.
Hermes Machine Tool Co., Inc.
Hill Machine Co.
Homstrand Machine Tool
Morris Machine Tool Co.
Onsrud Machine Works, Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Transmores Corp.
Turner Bros. Inc.
West Industries
Rockwell Mfg. Co.
Wender Presses Inc.

DRILLING MACHINES, SENSITIVE

Alina Corp.
Assoc. Machine Tool Corp.
Avey Div. Motch & Merryweather
Bentley Industrial Corp.
Boice-Crane Co.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Burg Tool Mfg. Co. Inc.
Burgmaster Corp.
Carney-Stansfield Co.
Cincinnati Lathe & Tool Co.
Clausing Div., Atlas Press Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Dumore Precision Tools Co.
Edlund Machinery Co., Div.
Harsco Corp.
Electro-Mechano Co., The
Famco Machine Co.
Foote-Burt Co., The
Fosdick Machine Tool Co., The
Hamilton Tool Co., The
High Speed Hammer Co. Inc., The
Hill Machine Co.
Hypneumat Inc.
Industrial Tool Service
Leland-Gifford Co.
Lennox Tool & Machine Builders
Levin & Son, Inc., Louis
Lloyd Tool Corp.

Loeffel Arthur Co. Inc., The
Mico Instrument Co.
Milman Engrg. Co.
Olivetti Corp. of America,
Machine Tool Div.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sibley Machine & Foundry Corp.
Sigourney Tool Co., Div.
The Smyth Mfg. Co.
Sloan & Chace Mfg. Co. Inc.
Taylor Dynamometer & Machine Co.
Transmores Corp.
Turner Brothers Inc.
Universal-Automatic Corp.
Rockwell Mfg. Co.
Waltham Machine Works Inc.
Antares Instruments Inc., Subsidiary A. F. Wilkins, Inc.
Zagar Inc.

DRILLING MACHINES, TURRET

Assoc. Machine Tool Corp.
Avey Div. Motch & Merryweather Machinery Co.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Burg Tool Mfg. Co. Inc.
Burgmaster Corp.
Carney-Stansfield Co.
Fosdick Machine Tool Co., The
Hillyer Corp.
Lahr Machine & Tool Corp.
S & S Machinery Co.
Turner Brothers Inc.
Wis. Drill Head Co.

DRILLING MACHINES, UNITS

Agnew Machine Co.
Alina Corp.
Alkon Products Corp.
Assoc. Machine Tool Corp.
Avey Div. Motch & Merryweather
Barnes Drill Co.
Barnes Corp., John S.
Barnes Co., W F & John
Beckett-Harcum Co.
Bedford Gear & Machine Products Inc.
Bellows-Valvair Div. of IBEC
Boice-Crane Co.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Buffalo Forge Co.
Burg Tool Mfg. Co., Inc.
Burklyn Co.
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Drillimation Co., Inc.
Drillunit Inc.
Dumore Precision Tools Co.
Duro Metal Products Co.
Edlund Machinery Co. Div.
Harsco Corp.
Electro-Mechano Co., The
Fox Engrg. Co.
General Tool Div., The
General Fire Extinguisher Corp.
Gilman Inc., Russell T.
Govro-Nelson Co., The
Hartford Special Machine Co.
Hause Machines Inc.
Hoefler Mfg. Co.
Hole Engrg. Service
Homstrand Machine Tool
Hypneumat Inc.
Johnson Drill Head Co.
Kearney & Trecker Corp.
Kingsbury Machine Tool Corp.
Lamb Co., F. Jos.
Leland-Gifford Co.
LeMaire Machine Tool Co.
Model Machine Co. Inc.
Morris Machine Tool Co.
Motch & Merryweather Machinery Co., The
National Automatic Tool Co., Inc.
Quackenbush Co., A. B.
Redin Products Machine Co.
Rehnberg-Jacobson Mfg. Co.
Rockwell Mfg. Co.
S & S Machinery Co.
Sheppard, Stanley
Snow Mfg. Co.
South Bend Lathe Inc.
Special Machine & Engrg. Inc.
Swift Ohio Corp.
Thompson Mfg. Co., Earl A.
Turner Brothers Inc.

Universal-Automatic Corp.
Wis. Drill Head Co.
Zagar Inc.

DRILLING MACHINES, UPRIGHT WAY TYPE

Agnew Machine Co.
Arrowsmith Tool & Die Corp.
Assoc. Machine Tool Corp.
Avey Div., Motch & Merry-
weather Machinery Co., The
Barnes Drill Co.
Baugh Machine Tool Co.
Bentley Industrial Corp.
Buffalo Forge Co.
Carney-Stansfield Co.
Cincinnati Bickford Div., Gid-
dings & Lewis Machine Tool
Co.
Cincinnati Lathe & Tool Co.
Cleereman Machine Tool Corp.
Cress Co., The
Dalzen Mfg. Co.
Drillmation Co. Inc.
Ettco Tool & Machine Co., Inc.
Felker Mfg. Co.
Foote-Burt Co., The
Fox Engrg. Co.
George Machinery, James W.
Greenlee Brothers & Co.
Hoefler Mfg. Co.
Kearney & Trecker Corp.
Lahr Machine & Tool Corp.
Lamb Co., Joseph F.
LeMaire Machine Tool Co.
Loeffel Co. Inc., The Arthur
Moline Tool Co.
Morris Machine Tool Co.
Motch & Merryweather Machin-
ery Co., The
National Automatic Tool Co., Inc.
Redin Products Machine Co.
Rehnberg-Jacobson Mfg. Co.
Rockwell Mfg. Co.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Special Machine & Engrg. Inc.
Swift Ohio Corp.
Transmores Corp.
Turner Bros. Inc.
Wis. Drill Head Co.
Zagar Inc.

DRILLS, CARBIDE, SOLID

Ace Drill Corp.
Acromatic Tool Co.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
Atrax Co., The
Beaver Cut Rotary File Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting
Tools & Gages
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Butterfield Div., Union Twist
Drill Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dayton Carbide Tools Co. Inc.
Deluxe Saw & Tool Co.
Detroit Tap & Tool Co.
DoAll Co., The
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die Div.
United-Greenfield Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
High Standard Mfg. Corp.
Hyper Tool Co.
Lund Mfg. Co.
Metal Removal Co., The
Metallurgical Products Dept.,
General Electric Co.
Modern Mfg. Co. Inc.
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div. Bollier-
Damerell Inc.
North American Viking Drill
Co.
Precision Twist Drill & Machine
Co.
Proto Tool Co., Div. Pendleton
Tool Industries
Republic Drill & Tool Co.,
Div. Avildsen Tools &
Machines Inc.
Sid Tool Co. Inc.
Skill Corp.
Smith Engrg. & Tool Co.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.

Niagara Cutter Div., Bollier-
Damerell Inc.
Pratt & Whitney Co. Inc.
Precision Products Corp.
Precision Carbide Co.
Precision Twist Drill & Machine
Co.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines
Inc.
Rico Tool Co.
Rotary Tool Co.
Sid Tool Co. Inc.
Smith Engrg. & Tool Co.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Super Tool Co.
Div. Van Norman Industries
Inc.
Time Saver Tools Inc.
Unimet Carbides Div. United-
Greenfield Corp.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Valenite Metals Div. The
Valeron Corp.
Vascoloy-Ramet Corp.
Walmet Corp.
Wendt-Sonis Co.
Whitman & Barnes
Willey's Carbide Tool Co.

DRILLS, CARBIDE-TIPPED

Ace Drill Corp.
Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting
Tools & Gages
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cincinnati Tool Co., The
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Continental Drill Corp.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dayton Carbide Tools Co. Inc.
Deluxe Saw & Tool Co.
Detroit Tap & Tool Co.
DoAll Co., The
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die Div.
United-Greenfield Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
High Standard Mfg. Corp.
Hyper Tool Co.
Lund Mfg. Co.
Metal Removal Co., The
Metallurgical Products Dept.,
General Electric Co.
Modern Mfg. Co. Inc.
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div. Bollier-
Damerell Inc.
North American Viking Drill
Co.
Precision Twist Drill & Machine
Co.
Proto Tool Co., Div. Pendleton
Tool Industries
Republic Drill & Tool Co.,
Div. Avildsen Tools &
Machines Inc.
Sid Tool Co. Inc.
Skill Corp.
Smith Engrg. & Tool Co.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.

Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Super Tool Co., Div. Van
Norman Industries Inc.
Threadwell Tap & Die Co.
Time Saver Tools Inc.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Valenite Metals Div., The
Valeron Corp.
Vascoloy-Ramet Corp.
Wendt-Sonis Co.
Whitman & Barnes
Willey's Carbide Tool Co.

DRILLS, CENTER

Ace Drill Corp.
Amer. Cutter & Engrg. Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beaver Cut Rotary File Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Circular Tool Co. Inc.
Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
Continental Drill Corp.
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co. Inc.
Ford Mfg. Co. Inc., M. A.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die Div.
United-Greenfield Corp.
Hayden Twist Drill Co.
Hyper Tool Co.
Kromhard Twist Drill Co.
Link Engrg. Co.
Metal Removal Co., The
Mohawk File & Tool Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine Co.
Div. Van Norman Industries
Inc.
National Twist Drill & Tool Co.
N.Y. Twist Drill Co. Inc.
North American Viking Drill Co.
Pratt & Whitney Co. Inc.
Precision Twist Drill & Machine
Co.
Providence Tool Co. Inc.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines
Inc.
Reltool Corp.
Rico Tool Co.
Rotary Tool Co.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Steptool Corp.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Waukegan Quality Tool Works
Whitman & Barnes
Woodruff & Stokes Co. Inc.

DRILLS, CORE & SPADE

Ace Drill Corp.
Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting Tools
& Gages
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cincinnati Tool Co., The
Clark Co., Robert H.

Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
Dawson Tool Co.
Detroit Tap & Tool Co.
DeVlieg Microbore Div.
DeVlieg Machine Co.
Di-Tru Diamond Tool Co.
Diamond Products Inc.
DoAll Co., The
Eclipse Counterbore Co.
Erickson Tool Co.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Gairing Tool Co.
Glenbard Tool Mfrs. Inc.
Gorham Tool Co.
Hi-Duty Drill Works, Div.
Hi-Duty Industries Inc.
Hyper Tool Co.
Kromhard Twist Drill Co.
Lund Mfg. Co.
Madison-Faessler Tool Co.
Metal Cutting Tools Inc.
Metal Removal Co., The
Mohawk File & Tool Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
Muskegon Tool Industries Inc.
National Twist Drill & Tool Co.
O. K. Tool Co. Inc., The
Flew Tool Corp.
Portomag Inc.
Republic Drill & Tool Co. Div.
Avildsen Tools & Machines
Rotary Tool Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Steptool Corp.
Threadwell Tap & Die Co.
Time Saver Tools Inc.
Union Twist Drill Co.
Waukesha Cutting Tools Inc.
Wesson Co.
Whitman & Barnes
Williams Industries, W. W.

DRILLS, DEEP-HOLE & GUN

Ace Drill Corp.
Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp., Cutting
Tools & Gages
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago Heights Steel Co.
Chicago-Latrobe
Chicago Pneumatic Tool Co.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Craig Tools Inc.
Eldorado Tool & Mfg. Corp.
Ford Mfg. Co. Inc., M. A.
Gairing Tool Co.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die Div.
United-Greenfield Corp.
High Standard Mfg. Corp.
Hyper Tool Co.
Kromhard Twist Drill Co.
Lehmann-Fulton Boring Tool,
Div. Fulton Iron Works
Madison-Faessler Tool Co.
Metal Removal Co., The
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Twist Drill & Tool Co.
Pratt & Whitney Co. Inc.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines
Inc.
Schmarje Tool Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Star Cutter Co.

PRODUCTS

DRILLS, DEEP HOLE & GUN (cont.)

Steptool Corp.
Whitman & Barnes

DRILLS, DIAMOND

Abrasive Dressing Tool Co.
Amer. Coldset Corp.
Brown Diamond Inc.
Chicago Pneumatic Tool Co.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Delta Diamond Wheel
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Products Inc.
Diamond Tool Research Co. Inc.
Felker Mfg. Co.
Fish-Schurman Corp.
General Industrial Diamond Co. Inc.
Gillmore Co. Inc., F. F.
International Abrasive Corp.
Koebel Diamond Tool Co.
Milwaukee Electric Tool Corp.
Mohawk File & Tool Co.
Portomag Inc.
Precision Diamond Tool Co.
Smit & Co. Inc., Anton
Super Cut Industries, Golconda Corp.
Victor Inc.
Wheel Truening Tool Co.

DRILLS, HARDENED STEEL

Black Drill Co.

DRILLS, MAGNETIC BASE

Portomag Inc.

DRILLS, MINIATURE

Alina Corp.
Amer. Twist Drill Co.
Besly-Welles Corp., Cutting Tools & Gages
Celfor Tool Co., Div. Avildsen Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co. Inc.
Coffey-Cummins Mfg. Co.
DoAll Co., The
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div. United-Greenfield Corp.
Lloyd Tool Corp.
Metal Removal Co., The
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Newage Industries Inc.
N.Y. Twist Drill Co. Inc.
Precision Carbide Co.
Precision Twist Drill & Machine Co.
Republic Drill & Tool, Avildsen Tools & Machines Inc.
Rotor Tool Co.
Sid Tool Co. Inc.
Whitman & Barnes
Woodruff & Stokes Co. Inc.

DRILLS, OIL-HOLE, OIL-TUBE

Amer. Twist Drill Co.
Besly-Welles Corp., Cutting Tools & Gages
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Butterfield Div., Union Twist Drill Co.
Celfor Tool Co., Div. Avildsen Tools & Machines Inc.
Chicago Heights Steel Co.
Chicago-Latrobe
Chicago Pneumatic Tool Co.
Cleveland Twist Drill Co., The
DoAll Co., The
Gairing Tool Co.
Greenfield Tap & Die, Div. United-Greenfield Corp.
High Standard Mfg. Corp.
Hyper Tool Co.
Metal Cutting Tools Inc.
Morse Twist Drill & Machine Co. Div. Van Norman Industries Inc.
National Twist Drill & Tool Co.
Republic Drill & Tool Co., Div. Avildsen Tools & Machines Inc.
Sid Tool Co. Inc.

Standard Tool Co.
Star Cutter Co.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Whitman & Barnes

DRILLS, PORTABLE ELECTRIC

Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Celfor Tool Co., Avildsen Tools & Machines Inc.
Chicago Pneumatic Tool Co.
Erinac Equip. Corp.
Foredom Electric Co. Inc.
Greenfield Tap & Die, Div. United-Greenfield Corp.
Ingersoll-Rand Co.
Jones Motrola Corp.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Modern Mfg. Co., Inc.
Porter-Cable Machine Co.
Portomag Inc.
Skill Corp.
Snap-On Tools Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.
Wodack Electric Tool Corp.

DRILLS, PORTABLE HYDRAULIC

Chicago Pneumatic Tool Co.
Modern Mfg. Co. Inc.

DRILLS, PORTABLE PNEUMATIC

Airetool Mfg. Co., The
Aro Equip. Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Air Tools
Doeden Tool Corp., Dotco
Pneumatic Tools
Gardner-Denver Co.
Hanover Tool Co. Inc.
Ingersoll-Rand Co.
Le Roi Div. Westinghouse Air Brakes
Master Power Corp., Black & Decker Subsidiary
Newage Industries Inc.
Portomag Inc.
Pottstown Machine Co.
Quackenbush Co., A. B.
Remington Arms Co. Inc.
Rotor Tool Co., The
Superior Pneumatic & Mfg.
Thor Power Tool Co.
Wilson Inc., Thomas C.

DRILLS, SCREW MACHINE

Ace Drill Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting Tools & Gages
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Butterfield Div., Union Twist Drill Co.
Celfor Tool Co., Div. Avildsen Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
Continental Drill Corp.
Crafts Co. Inc., Arthur A.
DoAll Co., The
F & D Tool Co. Inc.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div. United-Greenfield Corp.
Hi-Duty Drill Works, Div. Hi-Duty Industries Inc.
Kromhard Twist Drill Co.
Lund Mfg. Co.
Malcus Tools Corp.
Mohawk Tools Inc.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Twist Drill & Tool Co.
N.Y. Twist Drill Co. Inc.
North Amer. Viking Drill Co.
Penniman Co., Elisha
Providence Tool Co. Inc.
Republic Drill & Tool Co., Div. Avildsen Tools & Machines Inc.

Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Super Tool Co., Div. Van Norman Industries Inc.
Union Twist Drill Co.
Whitman & Barnes

DRILLS, STEP

Ace Drill Corp.
Amer. Cutter & Engrg. Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp., Cutting Tools & Gages
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen Tools & Machine
Chicago Heights Steel Co.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Cogsdill Twist Drill Co. Inc.
Colonial Tool Co.
Comet Tool Co.
Connelly Machine Works
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Custanite Corp.
DoAll Co., The
Everard Tap & Die Corp.
F & D Tool Co. Inc.
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Form-All Mfg. Co.
Gairing Tool Co.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div. United-Greenfield Corp.
Hayden Twist Drill Co.
Hi-Duty Drill Works, Div. Hi-Duty Industries Inc.
Hunt's Grinding & Mfg.
Hyper Tool Co.
Kromhard Twist Drill Co.
Lund Mfg. Co.
Madison-Relco Tool Co.
Medico Co., The
Metal Cutting Tools Inc.
Mohawk Tools Inc.
Morgood Tools Inc.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollinger-Damerell Inc.
Plew Tool Corp.
Precision Twist Drill & Machine Co.
Providence Tool Co. Inc.
Republic Drill & Tool Co., Div. Avildsen Tools & Machines Inc.
Rotary Tool Co.
Schmarje Tool Co.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Star-Cutter Co.
Steptool Corp.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Whitman & Barnes
Williams Industries, W. W.
Woodruff & Stokes Co. Inc.

DRILLS, SUBLAND

Ace Drill Corp.
Amer. Cutter & Engrg. Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp., Cutting Tools & Gages
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen Tools & Machines Inc.

Chicago Heights Steel Co.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
DoAll Co., The
Falcon Tool Co.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div. United-Greenfield Corp.
Hayden Twist Drill Co.
Kromhard Twist Drill Co.
Metal Cutting Tools Inc.
Mohawk Tools Inc.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollinger-Damerell Inc.
Providence Tool Co. Inc.
Republic Drill & Tool Co., Div. Avildsen Tools & Machines Inc.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Whitman & Barnes

DRILLS, TWIST

Ace Drill Corp.
Amer. Cutter & Engrg. Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting Tools & Gages
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Butterfield Div., Union Twist Drill Co.
Celfor Tool Co., Div. Avildsen Tools & Machines Inc.
Chicago Heights Steel Co.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
Continental Drill Corp.
Craig Tools Inc.
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co. Inc.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div. United-Greenfield Corp.
Hayden Twist Drill Co.
Hi-Duty Drill Works, Div. Hi-Duty Industries Inc.
Keystone Reamer & Tool Co.
Kromhard Twist Drill Co.
Malcus Tools Corp.
Metal Removal Co., The
Millers Falls Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Twist Drill & Tool Co.
N.Y. Twist Drill Co. Inc.
North Amer. Viking Drill Co.
Penniman Co., Elisha
Frat & Whitney Co. Inc.
Precision Twist Drill & Machine Co.
Republic Drill & Tool Co., Div. Avildsen Tools & Machines Inc.
Sid Tool Co. Inc.
Snap-On Tools Corp.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
Standard Tool Co.
Threadwell Tap & Die Co.
Union Twist Drill Co.
Whitman & Barnes
Williams & Co., J. H.

DRILLS, TWIST, CARBIDE-TIPPED

Ace Drill Corp.
Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Twist Drill Co.
Arrow Tool & Reamer Co.
Atrax Co., The
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting Tools & Gages
Butterfield Div., Union Twist Drill Co.

Carbide Tool Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Continental Drill Corp.
Crafts, Co., Inc., Arthur A.
Detroit Tap & Tool Co.
Dexco Corp., Raymac Div.
Dixie Tool Industries
DoAll Co., The
Falcon Tool Co.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hayden Twist Drill Co.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hyper Tool Co.
Metal Removal Co., The
Metallurgical Products Dept.
General Electric Co.
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
North Amer. Viking Drill Co.
Pratt & Whitney Co. Inc.
Precision Twist Drill & Machine
Co.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines
Inc.
Rotary Tool Co.
Sld Tool Co. Inc.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Super Tool Co., Div. Van
Norman Industries Inc.
Threadwell Tap & Die Co.
Union Twist Drill Co.
U.S. Carbide Tool Inc.
Valenite Metals Div., The
Valeron Corp.
Walmet Corp.
Wendt-Sonita Co.
Whitman & Barnes
Willey's Carbide Tool Co.

DRIVE SHAFTS, PINION

Brad Foote Gear Works Inc.
Federal Machine Co. Inc.
Hewitt-Robins
Selbert & Sons Inc.
Wester Gear Corp.

DRIVERS, DRILL OR TAP

Black & Decker Mfg. Co., The
Procurier Safety Chuck Co.
Scully-Jones & Co.
Selbert & Sons Inc.

DRIVES, CHAIN

Atlas Chain & Mfg. Co.
Bond Co., Charles
Boston Gear Works
Chain Belt Co.
Cycledynamics Inc.
Dodge Mfg. Corp.
Hamilton Gear & Machine Co.
Link-Belt Co.
Maurey Mfg. Corp.
Morse Chain Co.
Precision Gear Div., Perfecting
Service Co.
Watson Co., Ray V.
Western Gear Corp.

DRIVES, FLEXIBLE-SHAFT

Strand Flexible Shaft Inc., N. A.

DRIVES, HYDRAULIC

Acme Industrial Co.
Barnes Corp., John S.
Ex-Cell-O Corp., Detroit
Link-Belt Co.
Oilgear Co., The
Recine Hydraulics & Machinery
Inc.
Sargent Engrg. Corp.
Thompson Mfg. Co., Earl A.
Tracer Control Co.
Vickers Inc.

DRIVES, INDEXING

Sylvania Lighting Products

DRIVES, PULLEY & BELT

Amer. Pulley Co., The
Couse & Bolton Co.
Cycledynamics Inc.
Dodge Mfg. Corp.
Duro Metal Products Co.
Extremultus Inc.
Gates Rubber Co., The
Gerbing Mfg. Corp.
Hardware Products Co.
Hewitt-Robins
Love Brothers-Pyott
Maurey Mfg. Corp.
Morse Chain Co.
Onarud Machine Works, Inc.
Pull Gear Co., The
Rampe Mfg. Co.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Schnell Tool & Die Corp.
Speed Selector Inc.
Watson Co., Ray V.
Wood's Co., T. B. & Sons

DRIVES & TRANSMISSIONS, GEAR

Actuator Products Div., Gear-
tronics Corp.
Albion Accessories Corp.
Allis Co., The Louis
Anchor Steel & Conveyor Co.
Bachmann Co. Inc., Eric R.
Bond Co., Charles
Boston Gear Works
Brad Foote Gear Works Inc.
Clearing Div., U. S. Industries
Inc.
Cleveland Worm & Gear Div.,
Eaton Mfg. Co.
Cone-Drive Gears Div., Michi-
gan Tool Co.
Detroit Bevel Gear Co. Div.,
Napco Industries Inc.
Drive-All Mfg. Co.
Dynamic Gear Co. Inc.
Electra Motors Inc.
Falk Corp.
Ferguson Machine Corp.
Foote Bros. Gear & Machinery
Co.
Genevatic Engrg. Corp.
General Electric Co., Apparatus
Sales Div.
Grant Gear Works Inc.
Great Eastern Mfg. Inc.
Hamilton Gear & Machine Co.
Hewitt-Robins
Indiana Gear Works Inc.
Jual Gear Co. Inc.
Link-Belt Co.
Mesta Machine Co.
Metron Instrument Co.
Ohio Gear Co., The
Oliver Gear & Machine Co. Inc.
Palmer-Bee Co.
Peerless Gear & Machine Co.
Inc.
Precision Gear Div., Perfecting
Service Co.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Sargent Engrg. Corp.
Simonds Gear & Mfg. Co., The
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
Sterling Electric Motors Inc.
Turner Uni-Drive Co.
U. S. Electrical Motors Inc.
Von Weise Gear Co.
Watson Co., Ray V.
Western Gear Corp.
Western Mfg. Co.
Westinghouse Electric Corp.
Winmuth Inc.
Zero-Max Co., The

DRIVES, VARIABLE-SPEED, ELECTRICAL

Allis-Chalmers Mfg. Co.
Allis Co., The Louis
Clark Controller Co., The
Cycledynamics Inc.
Delco Products Div., General
Motors Corp.
Eaton Mfg. Co.
Electra Motors Inc.
Electro-Devices Inc.

Electro-Mation Assoc.
General Electric Co., Apparatus
Sales Div.
General Radio Co.
Great Eastern Mfg. Inc.
Kearfott Div., General Precision
Inc.
Link-Belt Co.
Marathon Electrical Mfg. Corp.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Ridge Tool Co., The
Turner Uni-Drive Co.
U.S. Electrical Motors Inc.
Von Weise Gear Co.
Westinghouse Electric Corp.
Zero-Max Co., The

DRIVES, VARIABLE-SPEED, MECHANICAL

Allis-Chalmers Mfg. Co.
Allis Co., The Louis
Amer. Pulley Co., The
Boston Gear Works
Bullard Co., The
Cleveland Worm & Gear Div.,
Eaton Mfg. Co.
Custanite Corp.
Cycledynamics Inc.
Dodge Mfg. Corp.
Eaton Mfg. Co.
Gates Rubber Co., The
General Electric Co., Apparatus
Sales Div.
Gerbing Mfg. Corp.
Gilman Inc., R. T.
Graham Transmission Inc.
Indiana Gear Works Inc.
Link-Belt Co.
Manheim Mfg. & Belting Co.
Maurey Mfg. Corp.
Metron Instrument Co.
Morse Chain Co.
Precision Gear Div., Perfecting
Service Co.
Pull Gear Co., The
Rampe Mfg. Co.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Sargent Engrg. Corp.
Speed Selector Inc.
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
Sterling Electric Motors Inc.
Sylvania Lighting Products,
Equipment Development Plant
Turner Uni-Drive Co.
U.S. Electrical Motors Inc.
Western Mfg. Co.
Wood's Co., T. B. & Sons
Zero-Max Co., The

DRUMS, SANDING

Boice-Crane Co.
Foredom Electric Co. Inc.
Haskins Co., R. G.
Strand Flexible Shaft Inc., N. A.

DUCTS, FLEXIBLE

Flexible Tubing Corp.
Southwest Products Co.

DUPLICATING ATTACHMENTS (see Controls, Tracer)

DUPLICATING MACHINES, DRAWING

Copymat Inc.

DUPLICATING MATERIALS (see also Paper)

Capitol Reproductions Inc.
Copymat Inc.

DUST COLLECTION EQUIPMENT

Acme Tool Corp.
Aget Mfg. Co.
Arcair Co., The
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Cincinnati Electrical Tool Co.,
The
Clementina Ltd.
Craftools Inc.
DeVillias Co., The
Dollinger Corp.

Hammond Machinery Builders
Inc.
Kindt-Collins Co.
Kirk & Blum Mfg. Co.
Mahon Co., The R. C.
Mamco Corp.
Mott Sand Blast Mfg. Co.
Pangborn Corp.
Price Corp., D. W.
Ruemelin Mfg. Co.
Sanford Mfg. Corp.
Standard Electrical Tool Co., The
Thor Power Tool Co.
Torit Mfg. Co.
U.S. Electrical Tool Co.
Wheelabrator Corp.
Wilkinson Corp.

DYES, FLUORESCENT, PENETRATING

Magnaflux Corp.
Met-L-Chek Co., The

DYNAMOMETERS

Allis Co., The Louis
Cosm Corp.
Dillon & Co. Inc., W. C.
DoAll Co., The
Eaton Mfg. Co.
Electro-Autostizing Machine
Corp.
Electro-Mation Assoc.
Falcon Machine & Tool Co. Inc.
General Electric Co., Apparatus
Sales Div.
General-Electro Mechanical
Corp.
Link Engineering Co.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Scherr-Tumico Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Taylor Dynamometer & Machine
Co.
Testing Machines Inc.
Westinghouse Electric Corp.

EJECTOR PINS

Bultool Co., The
DeKalb Precision Industries
Detroit Mold Engrg. Co.
Micro Punch & Die Co.
Payne Tool & Engrg. Co., The
Ring Punch & Die Div., Producto
Machine Co.
Twentieth Century Mfg. Co.
Viller Engrg. Corp., Subsidiary
Barry Controls Inc.

EJECTORS, AIR

Ames Spot Welder Co. Inc.
Mead Specialties Co.
Ring Punch & Die Div., Producto
Machine Co.
Schrader's Son, A., Div.
Seovill Mfg. Co. Inc.
Sheffer Corp., The

ELECTRICAL DISCHARGE MACHINES

B.S.A. Tools Ltd.
Cammann Mfg. Co. Inc., The
Charmilles Engrg. Works Ltd.
Cincinnati Milling & Grinding
Machines Inc.
Esaco Products Inc.
Electro-Spark Co. Inc.
Elox Corp. of Mich.
Erinac Equip. Corp.
Ex-Cell-O Corp., Detroit
Firth Sterling Inc.
Girard Assoc.
Jiffy Disintegrators Inc.
Onarud Machine Works Inc.
Royal Oak Tool & Machine Co.,
Frinder Div.
Sigma Machinery Inc.

ELECTROCHEMICAL CLEANING EQUIPMENT (see Cleaning Equipment Electrochemical)

ELECTRODES, DISINTEGRATING

Cammann Mfg. Co. Inc., The
Jiffy Disintegrators Co.
Elox Corp. of Mich.
Mallory & Co. Inc., R. P.

PRODUCTS

ELECTRODE HOLDERS

(see Welding Accessories, Electrode Holders)

ELECTRODES, WELDING

Air Reduction Sales Co.
All-State Welding Alloys Co. Inc.
Alloy Rods Co.
Amer. Brass Co., The
Ames Spot Welder Co. Inc.
Ampco Metal Inc.
Arcair Co., The
Arcos Corp.
Chicago Tool & Engrg. Co.
Eisler Engrg. Co. Inc.
Eutectic Welding Alloys Corp.
Federal Tool Engrg. Co.
Harnischfeger Corp.
Haynes Stellite Co., Div. Union Carbide Corp.
Hobart Brothers Co.
International Nickel Co.
Lincoln Electric Co., The
Linde Co., Div. Union Carbide Corp.
Luken Steel Co.
Mallory & Co. Inc., P. R.
Marathon Specialty Steels Inc.
Marquette Mfg. Co. Inc.
McKay Co., The
Sciaky Brothers Inc.
Shwayder Chemical Metallurgy Corp.
Smith Corp., A. O.
Westinghouse Electric Corp.

ELECTROLYTIC GRINDERS

(see Grinding Machines, Electrolytic)

ELECTROPLATING EQUIPMENT & SUPPLIES

Allied Research Products Inc.
Amer. Rectifier Corp.
Amer. Smelting & Refining Co.
Engelhard Industries Inc.
Electro-Mation Assoc.
Fidelity Chemical Products Corp.
Lea-Mich. Inc.
Metal & Thermit Corp.
National File Co.
Schaffner Mfg. Co. Inc.
Seal-Peel Inc.
Standard Portable Cord Co.
Western Coating Co.
Westinghouse Electric Corp.

ELEVATING TABLES

(see Tables, Elevating)

EMBOSSING MACHINES

Acromark Co., The
Cunningham Co., M. E.
Defiance Machine & Tool Co.
Noble & Westbrook Mfg.
Oliver Machinery Co.
Pannier Corp., The
Roovers-Lotsch Corp.
Schmidt Inc., Geo. T.

END MILLS (see Milling Cutters, End)

ENGINES, GASOLINE

Allis-Chalmers Mfg. Co.

ENGRAVING MACHINES

AA Gage Co., Design Engrg. Div.
Antares Instruments Inc.
Subsidiary A. F. Wilkens Inc.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co. Ltd.
Cosa Corp.
Deakin & Son, J. A.
Defiance Machine & Tool Co.
Erinac Equip. Corp.
Foredom Electric Co. Inc.
Gorton Machine Co., George
Green Instrument Co. Inc.
Manex Machinery Corp.
Mico Instrument Co.
New Hermes Engraving Machine Co.
Preis Engraving Machine Co., H. P.
S & S Machinery Co.
Scherr-Tumico Co.

ENVIRONMENTAL TEST EQUIPMENT (see Test Chambers, Environmental)

ETCHERS, ELECTRIC

AA Gage Co., Design Engrg. Div.
Acme Tool Corp.
Annis Co., R. B.
Easco Products Inc.
Electromark Corp., The
Gorton Machine Co., George
Ideal Industries Inc.
Martindale Electric Co.
Newage Industries Inc.
Preis Engraving Machine Co., H. P.

EXHAUST EQUIPMENT

Brown & Sharpe Mfg. Co., Machine Tool Div.
DeVilbiss Co., The
Eclipse Air Brush Co.
Hissey-Wolf Machine Co., The
Robbins & Myers Inc., Motor Div.
Standard Electrical Tool Co., The
Torit Mfg. Co.

EXHAUST SYSTEMS

DeVilbiss Co., The
Mahon Co., The R. C.
Torit Mfg. Co.
Westinghouse Electric Corp.

EXPANDING MANDREL MACHINES

Arrowsmith Tool & Die Corp.
Barth Corp., The
Drewco Corp.
Dunham Tool Co. Inc., The
Grotnes Machine Works Inc.
Hy-Du-Lignum Co.
LeCount Tool Works Inc.
Morton Mfg. Co.
S & S Machinery Co.
Vaill Engrg. Co., The
Woodworth Co., N. A.

EXTRACTORS, BUSHING & BEARING

Crozier Machine Tool Co.

EXTRACTORS, CENTRIFUGAL

Barrett Co., The Leon J.
Coolant Equip. Corp.
DeLaval Separator Co., The
Loeffel Co. Inc., The Arthur

EXTRACTORS, SCREW

Butterfield Div., Union Twist Drill Co.
Cammann Mfg. Co. Inc., The
Chicago-Latrobe
Cleveland Twist Drill Co., The
Cogsdill Twist Drill Co. Inc.
Greenfield Tap & Die, Div.
United Greenfield Corp.
Morae Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Precision Twist Drill & Machine Co.
Proto Tool Co., Div. Pendleton Tool Co.
Ridge Tool Co., The
Sid Tool Co., Inc.
Snap-On Tools Corp.
Standard Tool Co.
Threadwell Tap & Die Co.
Titan Tool Co.
Union Twist Drill Co.
Walton Co., The
Williams & Co., J. H.

EXTRACTORS, TAP & DRILL

Cammann Mfg. Co. Inc., The
Chicago-Latrobe
Chicago Tool & Engrg. Co.
Easco Products Inc.
Montgomery & Co. Inc.
Sid Tool Co. Inc.
Walton Co., The

EXTRUSION PRESSES (see Presses, Extrusion)

EYELETS

Amer. Brass Co., The

Can Pro Corp.
Revere Copper & Brass Inc.

FACE PLATE ADAPTERS

Chi-Co. Inc.
Chicago Tool & Engrg. Co.
Detroit Broach & Machine Co.
Dunham Tool Co. Inc., The
Erickson Tool Co.
Garrison Machine Works Inc.
Sutton Tool Co.
Union Mfg. Co.
Universal Vise & Tool Co.

FACE PLATES (see Plates, Face)

FANS

Buffalo Forge Co.
Diehl Mfg. Co.
Eclipse Air Brush Co.
Emerson Electric Mfg. Co.
Robbins & Myers Inc., Motor Div.
Standard Electric Mfg. Co. Inc.
Townsend Co., Engineered Fasteners Div.

FASTENERS, BELT

Armstrong-Bray & Co.

FASTENERS, INDUSTRIAL

Camlock Fastener Corp.
Garrett Co. Inc., George K.
Hi-Shear Rivet Tool Co.
Long-Lok Corp.
Penn Engrg. & Mfg. Corp.
Price Corp., D. W.
Simmons Fastener Corp.
Southco Div.
Tinnerman Corp., The George A.
Townsend Co.

FASTENERS, PUSH-ON

Can Pro Corp.
Palnut Co., The, Div. United Carr Fastener Corp.
Prestole Corp.
Rosan Inc.
Tinnerman Corp., The George A.
Waldes Kohinoor Inc.

FATIGUE TESTING MACHINES (see Testing Machines)

FEED FINGERS

Allen Collet Mfg. Co.
B.S.A. Tools Ltd.
Benco Collet Mfg. Co.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Hardinge Brothers Inc.
Lahr Machine & Tool Corp.
Loeffel Co. Inc., The Arthur
Rigid Products Co.
Sahlin Engrg. Co. Inc.
Sheffer Collet Co.
Sutton Tool Co.

FEED STOPS

Brown & Sharpe Mfg. Co., Industrial Products Div.
Danly Machine Specialties Inc.
Die Set Div., Products Machine Co.
Safety Harbor Tool & Mfg. Co.

FEEDS, BAR

Alina Corp.
Boyer-Schultz Corp.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Clark Industries
Clausing Div., Atlas Press Co.
Jones & Lamson Machine Co.
Lapointe Machine Co.
Lincoln Industries Co.
Lipe-Rollway Corp.
Precision Processing Co.
Wells & Sons, W. F.

FEEDS, DRILL PRESS

Ames Spot Welder Co. Inc.
Beckett-Harcum Co.
Belows-Valva, Div. IBEC
Black & Decker Mfg. Co., The
Boice-Crane Co.

Cleveland Pneumatic Industries Inc., Industrial Products Div.
General Tool Div., The, General Fire Extinguisher Corp.
Lamb Co., F. Jos.
Mead Specialties Co.
Precision Detroit Co.
Pull Gear Co., The
Ryerson & Son Inc., Joseph T.
Special Engrg. Service Inc.

FEEDS, HOPPER (see Hopper Feeds)

FEEDS, MAGAZINE (see Magazine Feeds)

FEEDS, ROLL

Allen Industries, Alva
Automatic Feed Co.
Benchmark Mfg. Co.
Bliss Co., E. W.
Brandes Press Co., The
Danly Machine Specialties Inc.
Decherts Machine Shop Inc.
Dickerman Mfg. Co., H. E.
Durant Tool Co.
Emhart Mfg. Co., Hudson Div.
Famco Machine Co.
Federal Tool Engrg. Co.
Ferguson Machine Corp.
La Bahn Roll Feed Corp.
Littell Machine Co., F. J.
Vac-U-Mation Div.
McKay Machine Co., The
Patterson Machine Co., George C.
Perkins Machine Co.
Rowe Machinery & Mfg. Co.
Sales Service Mfg. Co. (Havir)
U. S. Tool Co. Inc.

FEEDS, SLIDE

Acme Industrial Co.
Agnew Machine Co.
Automatic Feed Co.
Bliss Co., E. W.
Cooper Weymouth Inc.
Defiance Machine & Tool Co.
Dickerman Mfg. Co., H. E.
Die Set Div., Producto Machine Co.
Famco Machine Co.
Gilman Inc., R. T.
Hissey-Wolf Machine Co., The
Master Mfg. Co.
Mead Specialties Co.
Montgomery & Co. Inc.
Nadel Tool & Mfg. Co.
Nilson Machine Co., The A. H.
Press Automation Systems
Special Engrg. Service Inc.
U. S. Tool Co. Inc.

FEEDS, STOCK, DIAL

Allen Industries, Alva
Benchmark Mfg. Co.
Bliss Co., E. W.
Danly Machine Specialties Inc.
Decherts Machine Shop Inc.
Defiance Machine & Tool Co.
Federal Press Co.
Ferguson Machine Corp.
Perkins Machine Co.

FEEDS, STOCK, MECHANICAL HAND

Arrowsmith Tool & Die Corp.
Bliss Co., E. W.
Kenhos Corp.
Lahr Machine & Tool Corp.
Press Automation Systems
Sahlin Engrg. Co. Inc.

FEEDS, STOCK, ROLLER

Benchmark Mfg. Co.
Bliss Co., E. W.
Danly Machine Specialties Inc.
Famco Machine Co.
Littell Machine Co., F. J.
Vac-U-Mation Div.
McKay Machine Co., The
Perkins Machine Co.

FEEDS, STOCK, SPECIAL

Arrowsmith Tool & Die Corp.
Bliss Co., E. W.
Campbell Machines Co.
City Tool Corp.

Clark Industries
Cleveland Pneumatic Industries,
Industrial Products Div.
Cooper Weymouth Inc.
Defiance Machine & Tool Co.
Dickerman Mfg. Co., H. E.
Ferguson Machine Corp.
Grieder Industries Inc.
Lahr Machine & Tool Corp.
Liberty Tool & Die Corp.
Main & Sons Inc., Robert A.
Press Automation Systems
Sahlin Engrg. Co. Inc.
Special Engrg. Service Inc.

FIBERS

Johns-Manville Sales Corp.

FILES, BAND

Bolce-Crane Co.
Mohawk File & Tool Co.
S & S Machinery Co.

FILES, HAND

Abrasive Dressing Tool Co.
Delta File Works, Inc.
Jaw Mfg. Co.
Nicholson File Co.
Severance Tool Industries Inc.

FILES, ROTARY

Beaver Cut Rotary File Co.
Coastal Abrasive & Tool Co. Inc.
Delta File Works Inc.
Dixie Tool Industries
Elgin National Watch Co.,
Abrasives Div.
Ford Mfg. Co. Inc., M. A.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hudson Automatic Machine &
Tool Co.
Jarvis Corp.
Jersey Mfg. Co.
Martindale Electric Co.
Metal Removal Co., The
Mohawk File & Tool Co.
Nicholson File Co.
Pratt & Whitney Co. Inc.
Precision Products Corp.
Rico Tool Co.
Rotary Tool Co.
S & S Machinery Co.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.

FILING MACHINES, CONTOUR BAND

Bentley Industrial Corp.
Bolce-Crane Co.
DoAll Co., The
Grob, Inc.
Mohawk File & Tool Co.
S & S Machinery Co.
Sigma Machinery Inc.
Wender Presses Inc.

FILING MACHINES, RECIPROCATING

Acme Tool Corp.
Engle Equip. Co.
Gardner-Denver Co.
Harvey Mfg. Corp., Subsidiary
Germanow-Simon Machine Co.
High Speed Hammer Co. Inc.,
The
Hudson Automatic Machine &
Tool Co.
Ideal Tool & Die Co. Inc.
International Machine & Tool
Corp.
Mohawk File & Tool Co.
Product Machine Co.
Rice Pump & Machine Co.
S & S Machinery Co.
Sales Service Machine Tool Co.
(Havir)

FILMS, PHOTOGRAPHIC

Eastman Kodak Co.

FILTERS, AIRLINE

Arrow Tools Inc.
Gits Brothers Mfg. Co.
Logansport Machine Co.
M-B Products Inc.
Perfecting Service Co.
Schrader's Son, A.

FILTERS, DUST

Amer. Felt Co.
Carrier Corp.
Chicago Mfg. & Distributing Co.
Dollinger Corp.
Hissey-Wolf Machine Co., The
Mamco Corp.
Pangborn Corp.
Watts Regulator Co.
Westinghouse Electric Corp.
Wheelabrator Corp.
Wilkerson Corp.

FILTERS, FLUID

Airmatic Valve Inc.
Air-Mite Devices Inc.
Alsop Engrg. Corp.
Amer. Felt Co.
Arrow Tools Inc.
Cuno Engrg. Corp.
DeLaval Separator Co., The
Detrex Chemical Industries Inc.
Detroit Controls Div., Amer.
Standard Corp.
Dollinger Corp.
Frantz Co. Inc. S. G.
Hilliard Corp.
Ind. Commercial Filters Corp.
Lea-Mich. Inc.
Lundholm Mfg. Co.
Marvel Engrg. Co.
Mueller Brass Co.
Nugent & Co. Inc., Wm. W.
Oil-Rite Corp.
Purolator Products Inc.
Rosen Co., The
Sealor Corp., Industrial Products
Div.
Sparkler Mfg. Co.
Tryco Products Inc.
U.S. Hoffman Machinery Corp.
Watts Regulator Co.
Wilkerson Corp.

FILTERS, LIQUID-SUMP TYPE

Airmatic Valve Inc.
Alsop Engrg. Corp.
Arrow Tools Inc.
Cuno Engrg. Corp.
DeLaval Separator Co., The
Dollinger Corp.
Ind. Commercial Filters Corp.
Lundholm Mfg. Co.
Marvel Engrg. Co.
Nugent & Co. Inc., Wm. W.
Purolator Products Inc.
Rosen Co., The
Sparkler Mfg. Co.
U.S. Hoffman Machinery Corp.
Wilkerson Corp.

FILTERS, LUBRICANT

Alemite Div., Stewart-Warner
Corp.
Alsop Engrg. Corp.
Arrow Tools Inc.
Bijur Lubricating Corp.
Buckeye Tools Corp.
Cuno Engrg. Corp.
DeLaval Separator Co., The
Dollinger Corp.
Frantz Co. Inc., S. G.
Hilliard Corp., The
Ind. Commercial Filters Corp.
Lundholm Mfg. Co.
Marvel Engrg. Co.
Mobil Oil Co.
Nugent & Co. Inc., Wm. W.
Oil-Rite Corp.
Purolator Products Inc.
Rosen Co., The
S-P Mfg. Corp., The
Sparkler Mfg. Co.
Superior Pneumatic & Mfg.
U. S. Hoffman Machinery Corp.
Vickers Inc.
Wilkerson Corp.

FILTERS & SEPARATORS, COOLANT

Airmatic Valve Inc.
Allina Corp.
Arrow Tools Inc.
Barnes Drill Co.
Chicago Mfg. & Distributing Co.
Coolant Equip. Corp.
Cuno Engrg. Corp.
DeLaval Separator Co., The
Dollinger Corp.
Dundick Tool Works Inc.

Frantz Co. Inc., S. G.
Gale Separator Co. Inc., Div.
Inflico Inc.
Henry Mfg. Co. Inc.
Hilliard Corp., The
Hydromation Engrg. Co.
Ind. Commercial Filters Corp.
Lea-Mich. Inc.
Lundholm Mfg. Co.
Multifinish Mfg. Co.
Murray-Way Corp.
Nugent & Co. Inc., Wm. W.
Purolator Products Inc.
Rosen Co., The
Sparkler Mfg. Co.
Standard Portable Cord Co.
Taft-Pelree Mfg. Co., The
U. S. Hoffman Machinery Corp.

FINISHING COMPOUNDS (see Compounds, Finishing)

FINISHING MACHINES, VIBRATORY

Almco, Queen Products Div.,
King-Seeley Corp.
Del's Tumbling Service
Diamond Tool Co.
Elliott Mfg. Co. Inc., B. W.
Lord Chemical Corp., Subsidiary
Wheelabrator Corp.
M-F Equipment Co.
Pangborn Corp.
Remington Arms Co. Inc.
Roto-Finish Co.
Wyzenbeek & Staff Inc.

FITTINGS, AIRCRAFT TYPE, HYDRAULIC

Aeroquip Corp.
Flexonics Corp.
Flick-Reedy Corp., Tru-Seal
Div.
Flodar Corp.
M & N Modern Hydraulic Press
Co. Inc.
Oil-Dyne Inc.
Resistoflex Corp.

FITTINGS, AIRLINE

Air-Mite Devices Inc.

FITTINGS, HOSE

Aeroquip Corp.
Alemite Div., Stewart-Warner
Corp.
Bendix-Westinghouse Auto-
motive Air Brake Corp.
Chicago Pneumatic Tool Co.
Couse & Bolten Co.
Flexonics Corp.
Flick-Reedy Corp., Tru-Seal Div.
Flodar Corp.
Hansen Mfg. Co., The
Hewitt-Robins
Oil-Dyne Inc.
Parker-Hannifin Corp.
Resistoflex Corp.
Schrader's Son, A., Div. Scovill
Mfg. Co. Inc.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.
Weatherhead Co., The, Fort
Wayne Div.
Winzeler Stamping Co.

FITTINGS, HYDRAULIC

Aeroquip Corp.
Alemite Div., Stewart-Warner
Corp.
Crucible Steel Co. of Amer.
Flexonics Corp.
Flick-Reedy Corp., Tru-Seal Div.
Flodar Corp.
Hansen Mfg. Co., The
Newton Hydraulic Tooling Co.
Oil-Dyne Inc.
Parker-Hannifin Corp.
Rodgers Hydraulic Inc.
Rosen Inc.
Sturdy Tool & Gage Co.
Weatherhead Co., The, Fort
Wayne Div.

FITTINGS, PIPE

Amer. Instrument Co. Inc.
Ampeco Metal Inc.

Babcock & Wilcox Co., Tubular
Products Div.
Chase Brass & Copper Co.
Crucible Steel Co. of Amer.
Fairbanks Co., The
Flick-Reedy Corp., Tru-Seal Div.
Flodar Corp.
Harrisburg Steel Co., Div.
Harsco Corp.
International Nickel Co.
Oil-Dyne Inc.
Parker-Hannifin Corp.
Star Stainless Screw Co.
Thermoid Div., H. K. Porter
Co. Inc.
Weatherhead Co., The, Fort
Wayne Div.

FITTINGS, TUBE

Alemite Div., Stewart-Warner
Corp.
Amer. Brass Co., The
Bendix-Westinghouse Auto-
motive Air Brake Corp.
Bijur Lubricating Corp.
Chase Brass & Copper Co.
Crucible Steel Co. of Amer.
Flexonics Corp.
Flodar Corp.
Mueller Brass Co.
Oil-Dyne Inc.
Parker-Hannifin Co.
Fetch Mfg. Co.
Weatherhead Co., The, Fort
Wayne Div.

FIXTURE COMPONENTS

Detroit Stamping Co.
Lodging, Inc.
Morton Machine Works
Northwestern Tools Inc.
Parker-Kalon Div.
Reid Tool Supply Co.
Siewek Tool Co.
Tomco, Inc.
Universal Engrg. Co.

FIXTURE TYPE RELATION GAGES

AA Gage Co., Design Engrg. Div.
A & C Engrg. Co. Inc.
Apex Broach Co. Inc.
Benerson Corp.
Cleveland Tool & Die Co.
Dearborn Gage Co.
DeKalb Precision Industries
Electro-Autostizing Machine Corp
Hanover Tool Co. Inc.
Johansson Gage Co., C. E.
Mercury Tool & Die Co. Inc.
Payne Tool & Engrg. Co., The
Port Huron Machine Products
Co.
Riggs Co., William L.
Rite-O-Tool & Gage Co.
Royal Oak Tool & Machine Co.,
Grinder Div.
Stocker & Yale Inc.
Swedish Gage Co.

FIXTURES, BROACHING

AA Gage Co., Design Engrg. Div.
A & C Engrg. Co. Inc.
Apex Broach Co. Inc.
Benerson Corp.
Calif. Broach Co.
Cincinnati Milling & Grinding
Machines Inc.
Colonial Broach & Machine Co.
Conant Broach Co.
Detroit Broach & Machine Co.
Ex-Cell-O Corp., Detroit
General Broach & Engrg. Co.
Hanover Tool Co. Inc.
Hayes Aircraft Corp.
Lapointe Machine Tool Co.
Mercury Tool & Die Co. Inc.
Mich. Machine & Broach Co.
Miles Inc., Ty
National Broach & Machine Co.
Octavia Tool & Gage Co.
Payne Tool & Engrg. Co., The
Pioneer Broach Co.
Royal Oak Tool & Machine Co.,
Grinder Div.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sundstrand Amer. Broach, Div.
Sundstrand Corp.
Turner Bros. Inc.

PRODUCTS

FIXTURES, DRILLING & TAPPING

Snow Mfg. Co.
Suprecision Products

FIXTURES, MILLING

Field & Son, Inc., Walter W.

FIXTURES, TOOL SHARPENING

AA Gage Co. Design Engrg. Div.
Amer. Heller Corp.
Apex Broach Co. Inc.
Beaver Tool & Engrg. Corp.
Boggis & Co., Henry P.
Boyar-Schultz Corp.
Cincinnati Milling & Grinding Machines Inc.
Coffey-Cummins Mfg. Co.
Diamond Tool Co.
Form-All Mfg. Co.
Glenbard Tool Mfrs. Inc.
Mohawk Tools Inc.
Montgomery & Co. Inc.
Rochelle Tool & Die Co. Inc.
Rockford Die & Tool Works Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Steptool Corp.
Weldon Tool Co., The

FLAME CUTTING EQUIPMENT (see Cutting Equipment, Flame)

FLAME HARDENING MACHINES (see Hardening Machines)

FLANGING MACHINES

Beatty Machine & Mfg. Co.
Birdsboro Corp.
Blue Valley Machine & Mfg. Co.
Cosa Corp.
Maplewood Div., Rockford Machine Tool Co.
Merz Engrg. Inc.
S & S Machinery Co.
Vail Engrg. Co., The
Ward Machinery Co.

FLAT STOCK, GROUND

Acme-Danneman Co. Inc.
Amer. Saw & Mfg. Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Capewell Mfg. Co., The
Crucible Steel Co. of Amer.
Darwin & Miner Inc.
DoAll Co., The
Firth Sterling Inc.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Jergens Tool Specialty Co.
Jessop Steel Co.
Latrobe Steel Co.
Marshall Steel Co.
Milne & Co. Inc.
Pittsburgh Tool Steel Wire, Vanadium-Alloys Steel Co.
Porter Co. Inc., H. K., Vulcan Kidd Steel Div.
Precision Products Co. Inc.
Ryerson & Son Inc., Joseph T.
Sal Metal Products Co. Inc.
Sid Tool Co. Inc.
Simonds Saw & Steel Co.
Starrett Co., The L. S.
Thompson & Son, Henry G.
Timken Roller Bearing Co.
Uddelholm Co. of Amer. Inc.
Vanadium-Alloys Steel Co.
Ziv Steel & Wire Co.

FLAW DETECTORS, ULTRASONIC

Branson Instruments Inc.
Designers for Industry Inc.
Dice Co., J. W.
Magnaflex Corp.

FLEXIBLE SHAFTS & DETAILS (see Shafts & Details, Flexible)

FLOW INSTRUMENTS & ACCESSORIES

Acme Industrial Co.
Bristol Co., The
Eclipse Fuel Engrg. Co.
Electro-Mation Assoc.

Galland-Henning Mfg. Co.
General Controls Co.
General Electric Co.
Apparatus Sales Div.
Hanna Engrg. Works
Jordan Controls Inc.
Moore Products Co.
Rosen Co., The
Selas Corp. of Amer.
United Sensor & Control Corp.

FLUIDS, CUTTING (see also Coolants)

Aldridge Industrial Oils Inc.
Allison-Campbell Div., American Chain & Cable Co. Inc.
Anderson Oil & Chemical Co. Inc.
Atlantic Refining Co., The
Bel-Ray Co. Inc.
Beltraction Co.
Cincinnati Milling & Grinding Machines Inc.
Cliff Sales Co.
Continental Oil Co.
Cook's Sons Inc. Adam
Custanite Corp.
Esso Standard Div. Humble Oil & Refining Co.
Flake Bros. Refining Co.
Lubriplate Div.
Gulf Oil Corp.
Hanchett Mfg. Co.
Hangsterfers Labs. Inc.
Houghton & Co., E. F.
Johnson & Son Inc. S. C.
Kerns Co., L. R.
Keystone Lubricating Co.
Lubikoid Co.
Magnus Chemical Co. Inc.
Master Chemical Corp.
Metal Lubricants Co.
Metalloid Corp.
Mobil Oil Co.
National Diamond Lab Inc.
National Refining Co., Div.
Ashland Oil & Refining Co.
Oakite Products Inc.
Pate Oil Co.
Penola Oil Co.
Ridge Tool Co., The
Rust-Lick Inc.
Sanson & Sons Inc., Henry E.
Shear Speed Chemical Co.
Shear Speed Chemical Products Div. of Mich. Tool Co.
Sinclair Refining Co.
Specialty Products Co.
Stadoll Mfg. Co.
Standard Oil Co. of Calif., Western Operation Inc.
Standard Oil Co. of Ind.
Steco Corp., The
Stuart Oil Co. Ltd., D. A.
Sun Oil Co.
Texaco Inc.
United Labs. Inc.
Valvoline Oil Co. Div. Ashland Oil & Refining Co.
Wayne Chemical Products Co.
White & Bagley Co., The

FLUIDS, HYDRAULIC (see Hydraulic Fluids)

FLUIDS, LAYOUT (see Layout)

FLUXES

All-State Welding Alloys Co. Inc.
Anchem Products Inc.
Arcos Corp.
Belmont Smelting & Refining Works Inc.
Bruce Products Corp.
Dow Chemical Co., The
Eutectic Welding Alloys Corp.
Handy & Harman
Hobart Brothers Co.
International Nickel Co.
Johnson Gas Appliance Co.
Kester Solder Co.
Lake Chemical Co.
Linde Co., Div. Union Carbide Corp.
Mico Instrument Co.
Special Chemicals Corp.
Superior Flux & Mfg. Co.

FLYCUTTERS

Abrasive Dressing Tool Co.

Criterion Machine Works
Davis Div., Giddings & Lewis Machine Tool Co.
Hunt's Grinding & Mfg.
Lehmann-Fulton Boring Tool Div. Fulton Iron Works
Lovejoy Tool Co. Inc.
Marcoloy Inc.
Mico Instrument Co.
Montgomery & Co. Inc.
National Tool Co.
Neise, Karl A.
Onsrud Machine Co.
Weddell Tools Inc.

FORGING MACHINES

Baldwin-Lima-Hamilton Corp.
Beatty Machine & Mfg. Co.
Chambersburg Engrg. Co.
Erie Foundry Co.
Girard Assoc.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
Mesta Machine Co.
National Machinery Co.
S & S Machinery Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Wender Presses Inc.

FORGING MACHINES, COLD-ROLLING

Girard Assoc.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
S & S Machinery Co.

FORGING MACHINES, HYDRAULIC PRESS TYPE

Baldwin-Lima-Hamilton Corp.
Birdsboro Corp.
Bliss Co., E. W.
Chambersburg Engrg. Co.
Clearing Div., U. S. Industries
Danly Machine Specialties Inc.
Eimes Engrg. Div., Amer. Steel Foundries
Eire Foundry Co.
Girard Assoc.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lake Erie Machinery Corp.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
M & N Modern Hydraulic Press Co. Inc.
Oliver Corp., The, A. B. Farquhar Div.
S & S Machinery Co.
United Engrg. & Foundry Co.
Version Allsteel Press Co.
Wender Presses Inc.
Wood Co., R. D.

FORGING MACHINES, MECHANICAL HAMMER

Billings & Spencer Co., The
Chambersburg Engrg. Co.
Erie Foundry Co.
S & S Machinery Co.
Wender Presses Inc.

FORGING MACHINES, MECHANICAL PRESS TYPE

Beatty Machine & Mfg. Co.
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Danly Machine Specialties Inc.
Decherts Machine Shop Inc.
Erie Foundry Co.
Girard Assoc.
S & S Machinery Co.
Version Allsteel Press Co.
Wender Presses Inc.

FORGING MACHINES, MULTIPLE-SLIDE

Girard Assoc.
S & S Machinery Co.

FORGING MACHINES, STEAM OR AIR HAMMER

Chambersburg Engrg. Co.
Erie Foundry Co.
S & S Machinery Co.
United Engrg. & Foundry Co.
Wender Presses Inc.
Williams, White & Co.

FORM TOOL BLANKS (see Blanks, Form Tool)

FORM TOOLS

Abrasive Dressing Tool Co.
Acromatic Tool Co.
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
Bernell Tool Co. Inc.
Bokum Tool Co. Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brubaker Tool Corp.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Carney-Stansfield Co.
Cleveland Cutter & Reamer Co.
Cleveland Tool & Die Co.
Cone Automatic Machine Co. Inc.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Crobalt Inc.
Davis Div., Giddings & Lewis Machine Tool Co.
Dawson Carbide Tool Co. Inc.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Eastern Precision Tool & Gage Co.
Eastern Tool Co. Inc.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Form-All Mfg. Co.
Glenbard Tool Mfrs. Inc.
Hunt's Grinding & Mfg.
Hy-Du-Lignum Co. Inc.
Hyper Tool Co.
Lehmann-Fulton Boring Tool Div. Fulton Iron Works
Lund Mfg. Co.
Madison-Relco Tool Co.
Marcoloy Inc.
Medico Co., The
Metal Cutting Tools Inc.
Morgood Tools Inc.
Niagara Cutter Div., Bollier-Damerell Inc.
O. K. Tool Co. Inc., The
Octavia Tool & Gage Co.
Onsrud Machine Co.
Payne Tool & Engrg. Co., The
Flew Tool Corp.
Remington Arms Co. Inc.
Soma Tool Co. Inc.
Spiral Step Tool Co.
Steptool Corp.
U. S. Carbide Tool Inc.
Vamco Machine & Tool Inc.
Vascoloy-Ramet Corp.
Weldon Tool Co., The
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.

FORMING BLOCKS

Acorn Iron & Supply Co.
Arrowsmith Tool & Die Corp.
Benerson Corp.
Carbide Tool Co.
Carbide Tools Inc.
Cleveland Tool & Die Co.
Eastern Precision Tool & Gage Co.
Hayes Aircraft Corp.
Heppenstall Co., Midvale-Heppenstall Co.
Hufford Corp., The
Hy-Du-Lignum Co. Inc.
Payne Tool & Engrg. Co., The
Polymer Corp., The
Vamco Machine & Tool Inc.

FORMING MACHINES, SPECIAL PURPOSE

Amer. Roller Die Corp.
Arrowsmith Tool & Die Corp.
Benerson Corp.
Bliss Co., E. W.
Chambersburg Engrg. Co.
Cincinnati Milling & Grinding Machines Inc.
City Tool Corp.
Clearing Div., U. S. Industries Inc.
Cosa Corp.
Corvit Div., MacIodyne Corp.
Denison Engrg. Div., Amer.
Brake Shoe Co.

Erie Foundry Co.
Girard Assoc.
Grotnes Machine Works Inc.
Huford Corp., The
Hydraulic Press Mfg. Co., Div.
Koehring Co.
Kane & Roach Inc.
Lennox Tool & Machine Builders
Loeffel Co. Inc., The Arthur
McKay Machine Co., The
Merz Engrg. Inc.
Niagara Machine & Tool Works
Richards Co., J. A.
Rodgers Hydraulic Inc.
S & S Machinery Co.
Thompson Mfg. Co., Earl A.
U. S. Tool Co. Inc.
Verson Allsteel Press Co.
Vulcan Tool Co.
Waterbury Farrel Foundry &
Machine Co., Div. The Tex-
tron Inc.
Wilson Automation Co.
Yoder Co., The

FORMING, STRETCH, MACHINES (see Stretch Forming Machines)

FRICTION MATERIALS

Armstrong Cork Co.
Gairing Tool Co.
Johns-Manville Sales Corp.
Raybestos-Manhattan Inc., Man-
hattan Rubber Div.

FUME CONTROL EQUIPMENT

Mahon Co., The R. C.
Ruemelin Mfg. Co.
Wheelabrator Corp.
Zeiss Inc., Carl

FURNACE LININGS

Carborundum Co., The
Electro Refractories & Abra-
sives Corp.
Hones Inc., Charles A.
Johnston Mfg. Co.
Norton Co.
Sargeant & Wilbur Inc.

FURNACES, ATMOSPHERE

Amer. Gas Furnace Co.
Cooley Electric Mfg. Corp.
Electric Furnace Co., The
General Electric Co., Apparatus
Sales Div.
Harper Electric Furnace
Hayes Inc., C. I.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Hones Inc., Charles A.
Ipsen Industries Inc.
Leeds & Northrup Co.
Pereny Equip. Co., Inc.
Sargeant & Wilbur Inc.
Selas Corp. of Amer.
Sentry Co., The
Sunbeam Equip. Corp.
Surface Combustion, Div.
Midland-Ross Corp.

FURNACES, ELECTRIC

Ajax Electric Co.
Amer. Instrument Co. Inc.
Blue M Electric Co.
Cooley Electric Mfg. Corp.
DCMT Sales Corp., Div., British
Industries Corp.
Electric Furnace Co., The
Electric Hotpack Co. Inc.
General Electric Co., Apparatus
Sales Div.
Grieve-Hendry Co. Inc.
Harper Electric Furnace
Hayes Inc., C. I.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Huppert Co., K. H.
Ipsen Industries Inc.
L & L Mfg. Co.
Leeds & Northrup Co.
Loeffel Co. Inc., The Arthur
Pereny Equip. Co., Inc.
S & S Machinery Co.
Sargeant & Wilbur Inc.

Seal-Peel Inc.
Sentry Co., The
Shaw Process Development
Corp., British Industries Corp.
Sta-Warm Electric Co.
Stokes Corp., F. J.
Sunbeam Equip. Corp.
Thermo Electric Mfg. Co.
U. S. Steel Corp.
Western Coating Co.
Whiting Corp.

FURNACES, GAS

Amer. Gas Furnace Co.
Engelhard Industries Inc.
Carrier Corp.
Cleveland Automatic Machine
Co., The
Electric Furnace Co., The
Fen Machine Co.
General Electric Co., Apparatus
Sales Div.
Girard Assoc.
Grieve-Hendry Co. Inc.
Harper Electric Furnace
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Hones Inc., Charles A.
Ipsen Industries Inc.
Johnson Gas Appliance Co.
Johnston Mfg. Co.
Kasenit Co.
Leeds & Northrup Co.
Loeffel Co. Inc., The Arthur
S & S Machinery Co.
Sargeant & Wilbur Inc.
Selas Corp. of Amer.
Sunbeam Equip. Corp.
Surface Combustion, Div.
Midland-Ross Corp.
Youngberg Brothers

FURNACES, HEAT TREATING

Ajax Electric Co.
Amer. Gas Furnace Co.
Blue M Electric Co.
Cooley Electric Mfg. Corp.
Electric Furnace Co., The
Electric Hotpack Co. Inc.
Engelhard Industries Inc.
General Electric Co., Apparatus
Sales Div.
Girard Assoc.
Grieve-Hendry Co. Inc.
Harper Electric Furnace Corp.
Hayes Inc., C. I.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Hones Inc., Charles A.
Huppert Co., K. H.
Ipsen Industries Inc.
Johnson Gas Appliance Co.
Johnston Mfg. Co.
Kasenit Co.
L & L Mfg. Co.
Leeds & Northrup Co.
Lindberg Engrg. Co.
Loeffel Co. Inc., The Arthur
Orban Co. Inc., Kurt
Pereny Equip. Co. Inc.
S & S Machinery Co.
Sargeant & Wilbur Inc.
Selas Corp. of Amer.
Sentry Co., The
Sunbeam Equip. Corp.
Surface Combustion, Div.
Midland-Ross Corp.
Thermo Electric Mfg. Co.

FURNACES, HIGH-FREQUENCY

Ajax Magnethermic Corp.
Eisler Engrg. Co. Inc.
Engelhard Industries Inc.
General Electric Co., Apparatus
Sales Div.
Hayes Inc., C. I.
Induction Heating Corp.
Lindberg Engrg. Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Tocco Div., Ohio Crankshaft
Co.
Westinghouse Electric Corp.

FURNACES, INDUCTION

Allis-Chalmers Mfg. Co.
Ajax Magnethermic Corp.

Eisler Engrg. Co. Inc.
Engelhard Industries Inc.
General Electric Co., Apparatus
Sales Div.
Girard Assoc.
Hayes Inc., C. I.
Induction Heating Corp.
Lindberg Engrg. Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Tocco Div., Ohio Crankshaft
Co.
Westinghouse Electric Corp.

FURNACES, SPECIAL INDUSTRY

Amer. Gas Furnace Co.
Cooley Electric Mfg. Corp.
Eisler Engrg. Co. Inc.
Electric Furnace Co., The
General Electric Co., Apparatus
Sales Div.
Hayes Inc., C. I.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Hones Inc., Charles A.
Huppert Co., K. H.
Johnson Gas Appliance Co.
Johnston Mfg. Co.
Lindberg Engrg. Co.
Sargeant & Wilbur Inc.
Selas Corp. of Amer.
Surface Combustion, Div.
Midland-Ross Corp.
Whiting Corp.

FURNACES, VACUUM

Ajax Magnethermic Corp.
Amer. Instrument Co. Inc.
Consolidated Electrodynamics
Corp.
Electric Furnace Co., The
General Electric Co., Apparatus
Sales Div.
Grieve-Hendry Co. Inc.
Hayes Inc., C. I.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Huppert Co., K. H.
Ipsen Industries Inc.
Lindberg Engrg. Co.
Sargeant & Wilbur Inc.
Stokes Corp., F. J.
Sunbeam Equip. Corp.
Surface Combustion, Div.
Midland-Ross Corp.

GAGE BARRELS

AA Gage Co., Design Engrg. Div.
Davis Gage & Engrg. Co., A. G.
Gage-Rite Inc.
Rite-O-Tool & Gage Co.
Size Control Co.
Sturdy Tool & Gage Co.

GAGE BARS

AA Gage Co., Design Engrg. Div.
Brown & Sharpe Mfg. Co., Indus-
trial Products Div.
Davis Gage & Engrg. Co., A. G.
DeKalb Precision Industries
Dundick Tool Works Inc.
Eastern Precision Tool & Gage
Co.
Engis Equip. Co.
Gage-Rite Inc.
Johansson Gage Co., C. E.
Mohawk File & Tool Co.
Payne Tool & Engrg. Co., The
Rite-O-Tool & Gage Co.
Size Control Co.
Sturdy Tool & Gage Co.
Webber Gage Co.

GAGE BLANKS

AA Gage Co., Design Engrg. Div.
Davis Gage & Engrg. Co., A. G.
DeKalb Precision Industries
Dundick Tool Works Inc.
Gage-Rite Inc.
Huron Machine Products Inc.
Rite-O-Tool & Gage Co.
Royal Oak Products Co.
Sintercast Div., Chromalloy
Corp.
Size Control Co.
Stupalox Div., The Carborundum
Co.
Sturdy Tool & Gage Co.

Van Keuren Co., The
Woodworth Co., N. A.

GAGE BLOCKS

AA Gage Co., Design Engrg. Div.
Bethlehem Steel Co.
Brown & Sharpe Mfg. Co., Indus-
trial Products Div.
Dearborn Gage Co.
DoAll Co., The
Dorsey Gage Co. Inc.
Engis Equip. Co.
Fonda Gage Co. Inc.
Freeland Gauge Co.
Inspection Control Corp.
Johansson Gage Co., C. E.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Pratt & Whitney Co. Inc.
Scherr-Tumlico Co. Inc.
Std Tool Co. Inc.
Skill Corp.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Van Keuren Co., The
Webber Gage Co.
Wedin Corp.
Zeiss Inc., Carl

GAGE CALIBRATION DEVICES

Airborne Instruments Lab., Div.
Cutler-Hammer Inc.
Ames Co., B. C.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Cincinnati Milling & Grinding
Machines Inc.
Cleveland Instrument Co.
Custom Scientific Instruments
Inc.
Davidson Optronics Inc.
Decker Corp., The
Electro-Mation Assoc.
Engis Equip. Co.
Federal Products Corp.
Girard Assoc.
Johansson Gage Co., C. E.
Johnson Gage Co.
Link Div., General Precision Inc.
Micrometrical Mfg. Co.
Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Stocker & Yale Inc.
Swedish Gage Co.
Testing Machines Inc.
Zeiss Inc., Carl

GAGE CONTACT POINTS

Abrasive Dressing Tool Co.
Alina Corp.
Allen Gauge & Tool Co.
Amer. Diamond Tool & Gauge
Co.
Ames Co., B. C.
Bemax Import-Export Co.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Diamond Tool Research Co., Inc.
Eastern Precision Tool & Gage
Co.
Federal Products Corp.
Johansson Gage Co., C. E.
Lufkin Rule Co.
Petz-Ernery Inc.
Precision Carbide Co.
Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Superior Indicator Co.
Swedish Gage Co.
Testing Machines Inc.

GAGE DIAL INDICATORS

Alina Corp.
Ames Co., B. C.
Bemax Import-Export Co.
Boice Gages Inc.
Borel & Dunner
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Cullen Mfg. Co.
Dorsey Gage Co. Inc.
Federal Products Corp.
General Hardware Mfg. Co. Inc.
Gladwin Tool Co.

PRODUCTS

GAGE DIAL INDICATORS (cont.)

Hamilton Watch Co., Industrial Div.
Daystrom Inc., Weston Instrument Div.
Johansson Gage Co., C. E. Lufkin Rule Co.
Mahr Gage Co. Inc.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Mueller Gages Co.
Penniman Elisha Co.
Petz-Emery Inc.
Randall Co. Inc., Frank E. Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Superior Indicator Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.

GAGE HANDLES

Beloit Tool Corp., Regal Div.
Boice Gages Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Card Div., S. W., Union Twist Drill Co.
DeKalb Precision Industries
Detroit Tap & Tool Co.
Dundick Tool Works Inc.
Federal Products Corp.
Foster Gage Corp., C. E.
Gage Div., Pipe Machinery Co., The
Huron Machine Products Inc.
Johansson Gage Co., C. E.
Republic Gage Co.
Rite-O-Tool & Gage Co.
Royal Oak Products Co.
Size Control Co.
Standard Gage Co. Inc.
Swedish Gage Co.
Threadwell Tap & Die Co.
Van Keuren Co., The
Woodworth Co., N. A.

GAGE MOUNTINGS

AA Gage Co., Design Engrg. Div.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Davis Gage & Engrg. Co., A. G.
Eastern Precision Tool & Gage Co.
Electro-Autosizing Machine Corp.
Federal Products Corp.
Johansson Gage Co., C. E.
Johnson Gage Co.
Petz-Emery Inc.
Rite-O-Tool & Gage Co.
Size Control Co.
Standard Gage Co. Inc.

GAGE RODS & WIRES

Bemax Import-Export Co.
DeKalb Precision Industries
Dundick Tool Works Inc.
Eastern Precision Tool & Gage Co.
Johansson Gage Co., C. E.
Pratt & Whitney Co. Inc.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Sturdy Tool & Gage Co.
Van Keuren Co., The
Winter Brothers Co.

GAGES, AIR

AA Gage Co., Design Engrg. Div.
Airmatic Valve Inc.
Alina Corp.
Ames Co., B. C.
Bellows-Valvair Div. of IBEC
Boice Gages Inc.
Buckeye Tools Corp.
C & H Gauge Co. Inc.
Cincinnati Milling & Grinding Machines Inc.
Dearborn Gage Co.
Federal Products Corp.
Freeland Gauge Co.
Johansson Gage Co., C. E.

M-B Products Inc.
Marquette Mfg. Co. Inc.
Moore Products Co.
Neilsen Inc., E. V.
Pratt & Whitney Co. Inc.
Schrader's Son, A., Div.
Scovill Mfg. Co. Inc.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Superior Pneumatic & Mfg. Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Testing Machines Inc.
Van Keuren Co., The

GAGES, ANGLE

AA Gage Co., Design Engrg. Div.
Ames Co., B. C.
Boice Gages Inc.
Borel & Dunner
Davison Optronics Inc.
DeKalb Precision Industries
Eastern Precision Tool & Gage Co.
Engis Equip. Co.
Ex-Cell-O Corp., Greenville Plant
Federal Products Corp.
Johansson Gage Co., C. E.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Size Control Co.
Sorensen Center-Mikes Inc.
Starrett Co., The L. S.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Webber Gage Co.

GAGES, BACKLASH

A & C Engrg. Co. Inc.
Bedford Gear & Machine Products Inc.
Sensory Inc.
Size Control Co.

GAGES, BAR, FIXED OR ADJUSTABLE

AA Gage Co., Design Engrg. Div.
Bemax Import-Export Co.
Boice Gages Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Colonial Mfg. Co. Inc.
Davis Gage & Engrg. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co. Inc.
Dundick Tool Works Inc.
Eastern Precision Tool & Gage Co.
Gage-Rite Inc.
Hanover Tool Co. Inc.
Johansson Gage Co., C. E.
Johnson Gage Co.
Karniot Precision Products Inc.
Lincoln Gage Co.
Rell-A-Check Corp.
Rite-O-Tool & Gage Co.
Seibert & Sons Inc.
Size Control Co.
Starrett Co., The L. S.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taper Micrometer Corp.

GAGES, BAR, SINGLE & DOUBLE END

AA Gage Co., Design Engrg. Div.
Bemax Import-Export Co.
Boice Gages Inc.
DeKalb Precision Industries
Dorsey Gage Co. Inc.
Eastern Precision Tool & Gage Co.
Johansson Gage Co., C. E.
Johnson Gage Co.
Lincoln Gage Co.
Republic Gage Co.
Rite-O-Tool & Gage Co.
Size Control Co.
Starrett Co., The L. S.
Swedish Gage Co.

GAGES, BORE, DIAL

AA Gage Co., Design Engrg. Div.

Alina Corp.
Ames Co., B. C.
Bemax Import-Export Co.
Boice Gages Inc.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Comtor Co., The
Davis Gage & Engrg. Co., A. G.
DoAll Co., The
Dorsey Gage Co. Inc.
Ex-Cell-O Corp., Greenville Plant
Federal Products Corp.
H B Tools
Hamilton Watch Co., Industrial Div.
Johansson Gage Co., C. E.
Mahr Gage Co. Inc.
Maxwell Industries Inc.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Mueller Gages Co.
Penniman Co., Elisha
Pratt & Whitney Co. Inc.
Rell-A-Check Corp.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Sturdy Tool & Gage Co.
Sunnens Service Corp.
Swedish Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.

GAGES, BORE, FIXED OR ADJUSTABLE

AA Gage Co., Design Engrg. Div.
Alina Corp.
Ames Co., B. C.
Bemax Import-Export Co.
Boice Gages Inc.
Borel & Dunner
Brown & Sharpe Mfg. Co., Industrial Products Div.
Davis Gage & Engrg. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co. Inc.
Dundick Tool Works Inc.
Electro-Autosizing Machine Corp.
Ex-Cell-O Corp., Greenville Plant
H B Tools
Johansson Gage Co., C. E.
Lincoln Gage Co.
Lufkin Rule Co.
Mahr Gage Co. Inc.
Maxwell Industries Inc.
Moore Products Co.
Nease, Karl A.
Octavia Tool & Gage Co.
Pratt & Whitney Co. Inc.
Rell-A-Check Corp.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Stocker & Yale Inc.
Swanson-Erie Corp.
Swedish Gage Co.
Threadwell Tap & Die Co.
Woodworth Co., N. A.

GAGES, BORE, SINGLE & DOUBLE END

AA Gage Co., Design Engrg. Div.
Bemax Import-Export Co.
DeKalb Precision Industries
Dorsey Gage Co. Inc.
Dundick Tool Works Inc.
Ex-Cell-O Corp., Greenville Plant
Johansson Gage Co., C. E.
Lincoln Gage Co.
Maxwell Industries Inc.
Nease, Karl A.
Pratt & Whitney Co. Inc.
Rell-A-Check Corp.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Schrillo Aero Tool Engrg. Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Standard Gage Co. Inc.

Starrett Co., The L. S.
Swedish Gage Co.
Woodworth Co., N. A.

GAGES, BROACH

Colonial Broach & Machine Co.

GAGES, CALIPER, DIAL

Borel & Dunner

GAGES, CARBIDE

Lincoln Gage Co.

GAGES, CHROME

Lincoln Gage Co.

GAGES, CONCENTRICITY

AA Gage Co., Design Engrg. Div.
A & C Engrg. Co. Inc.
Alina Corp.
Ames Co., B. C.
Bath & Co. Inc., John
Bedford Gear & Machine Products Inc.
Bemax Import-Export Co.
Boice Gages Inc.
Cincinnati Milling & Grinding Machines Inc.
Cleveland Instrument Co.
Cleveland Tool & Die Co.
Davis Gage & Engrg. Co., A. G.
Dearborn Gage Co.
DeKalb Precision Industries
Dorsey Gage Co. Inc.
Dundick Tool Works Inc.
Dunham Tool Co. Inc., The
Eastern Precision Tool & Gage Co.
Electro-Autosizing Machine Corp.
Electro-Mation Assoc.
Equitable Engrg. Co.
Federal Products Corp.
Gage Div., Pipe Machinery Co., The
Hawkeye Specialty Co.
International Machine & Tool Corp.
Jerpak Bayless Co.
Johansson Gage Co., C. E.
Johnson Gage Co.
Karniot Precision Products Inc.
Lincoln Gage Co.
Mayes Tool Co.
Moore Products Co.
Morse Co., H. E.
Opto-Metric Tools Inc.
Pratt & Whitney Co. Inc.
Rell-A-Check Corp.
Republic Gage Co.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Schrillo Aero Tool Engrg. Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Stocker & Yale Inc.
Swanson-Erie Corp.
Swedish Gage Co.
Threadwell Tap & Die Co.
Woodworth Co., N. A.

GAGES, CYLINDRICAL

Lincoln Gage Co.

GAGES, DEPTH, DIAL

AA Gage Co., Design Engrg. Div.
Alina Corp.
Allen Gauge & Tool Co.
Ames Co., B. C.
Bemax Import-Export Co.
Besly-Wellies Corp., Cutting Tools & Gages
Boice Gages Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Colonial Mfg. Co. Inc.
Davis Gage & Engrg. Co., A. G.
DoAll Co., The
Dorsey Gage Co. Inc.
Federal Products Corp.
Hamilton Watch Co., Industrial Div.
Jerpak Bayless Co.
Johansson Gage Co., C. E.

Lincoln Gage Co.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Mueller Gages Co.
Neise, Karl A.
Petz-Emery Inc.
Reli-A-Check Corp.
Riggs Co., Wm. L.
Rite-O-Tool & Gage Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Swiss Precision Tool Co.

GAGES, DIAL

Alina Corp.
Ames Co., B. C.
Bemax Import-Export Co.
Boice Gages Inc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Davis Gage & Engrg. Co., A. G.
DoAll Co., The
Federal Products Corp.
Girard Assoc.
Hamilton Watch Co.,
Industrial Div.
International Machine & Tool
Corp.
Johansson Gage Co., C. E.
M. B. I. Export & Import Ltd.
Mahr Gage Co. Inc.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Mueller Gages Co.
Opto-Metric Tools Inc.
Penniman Co., Ellisha
Petz-Emery Inc.
Pratt & Whitney Co. Inc.
Randall Co. Inc., Frank E.
Reli-A-Check Corp.
Riggs Co., Wm. L.
Rite-O-Tool & Gage Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Superior Indicator Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.
Universal Instrument Corp.

GAGES, ELECTRONIC

AA Gage Co., Design Engrg.
Div.
Airborne Instruments Lab.,
Div. Cutler-Hammer Inc.
Alina Corp.
Boice Gages Inc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Cleveland Instrument Co.
Decker Corp., The
Dice Co., J. W.
DoAll Co., The
Electro-Autosizing Machine
Corp.
Electro-Mation Assoc.
Engis Equip. Co.
Federal Products Corp.
Hamilton Watch Co., Industrial
Div.
Industrial Electronics Inc.
Magnaflex Corp.
Mahr Gage Co. Inc.
Merz Engrg. Inc.
Pratt & Whitney Co. Inc.
Scherr-Tumico Co.
Seneca Falls Machine Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Taper Micrometer Corp.

GAGES, C'OOVE, DIAL

Ames Co., B. C.
Bedford Gear & Machine Prod-
ucts Inc.
Bemax Import-Export Co.
Boice Gages Inc.
Borel & Dunner

Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Davis Gage & Engrg. Co., A. G.
Dorsey Gage Co. Inc.
Ex-Cell-O-Corp., Greenville
Plant
Federal Products Corp.
H B Tools
Hamilton Watch Co., Industrial
Div.
Hawkeye Specialty Co.
Jerpak Bayless Co.
Mahr Gage Co. Inc.
Maxwell Industries Inc.
Montgomery & Co. Inc.
Mueller Gages Co.
Neise, Karl A.
Petz-Emery Inc.
Reli-A-Check Corp.
Riggs Co., Wm. L.
Rite-O-Tool & Gage Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Sturdy Tool & Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.

GAGES, GROOVE, FIXED OR ADJUSTABLE

AA Gage Co., Design Engrg.
Div.
Alina Corp.
Bemax Import-Export Co.
Boice Gages Inc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Davis Gage & Engrg. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co. Inc.
Eastern Precision Tool & Gage
Co.
Ex-Cell-O Corp., Greenville
Plant
Jerpak Bayless Co.
Johansson Gage Co., C. E.
Mahr Gage Co. Inc.
Maxwell Industries Inc.
Moore Products Co.
Mueller Gages Co.
Reli-A-Check Corp.
Rite-O-Tool & Gage Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Sturdy Tool & Gage Co.
Swiss Precision Tool Co.
Taper Micrometer Corp.
Testing Machines Inc.
Waldes Kohinoor Inc.

GAGES, HEIGHT

Alina Corp.
Bemax Import-Export Co.
Borel & Dunner
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Challenge Machinery Co., The
Cleveland Instrument Co.
Dickerman Mfg. Co., H. E.
DoAll Co., The
Electro-Autosizing Machine
Corp.
Federal Products Corp.
Hamilton Watch Co., Industrial
Div.
Johansson Gage Co., C. E.
Lufkin Rule Co.
Mahr Gage Co. Inc.
Meehanite Metal Corp.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Neise, Karl A.
Pratt & Whitney Co. Inc.
Rite-O-Tool & Gage Co.
Scherr-Tumico Co.
Seibert & Sons Inc.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Size Control Co.
Speed Line Div.
Diamond Die & Mold
Standard Gage Co. Inc.
Starrett Co., The L. S.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The

Taper Micrometer Corp.
Testing Machine Inc.
Tietzmann Tool Corp.
Van Keuren Co., The
Webber Gage Co.

GAGES, MICROMETER

Alina Corp.
Amer. Sip Corp.
Ames Co., B. C.
Bemax Import-Export Co.
Borel & Dunner
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Dice Co., J. W.
DoAll Co., The
Electro-Mation Assoc.
Engis Equip. Co.
Federal Products Corp.
Hamilton Watch Co., Industrial
Div.
Hawkeye Specialty Co.
Industrial Tool Service
International Machine & Tool
Corp.
Johansson Gage Co., C. E.
Lufkin Rule Co.
Mahr Gage Co. Inc.
Millers Falls Co.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Neise, Karl A.
Penniman Co., Ellisha
Pratt & Whitney Co. Inc.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Slocumb Co., J. T.
Snap-On Tools Corp.
Starrett Co., The L. S.
Stocker & Yale Inc.
Swedish Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.
Van Keuren Co., The
Zeiss Inc., Carl
Bristol Co., The
Dorsey Gage Co. Inc.
Gits Brothers Mfg. Co.
Oil-Rite Corp.
Petch Mfg. Co.

GAGES, OIL-LEVEL

GAGES, OPTICAL

Amer. Sip Corp.
Unifon Instrument Div.,
United Scientific Co.

GAGES, PIN

AA Gage Co., Design Engrg.
Div.
Boice Gages Inc.
Davis Gage & Engrg. Co., A. G.
DeKalb Precision Industries
Dorsey Gage Co., Inc.
Dundick Tool Works Inc.
Eastern Precision Tool & Gage
Equitable Engrg. Co.
Hayden Twist Drill Co.
Horberg Gage Co., The
Johansson Gage Co., C. E.
Karniotis Precision Products
Lincoln Gage Co.
Mercury Tool & Die Co. Inc.
Montgomery & Co. Inc.
Octavia Tool & Gage Co.
Pipe Machinery Co., The Gage
Div.
Reli-A-Check Corp.
Rite-O-Tool & Gage Co.
Sahlin Engrg. Co. Inc.
Schrillo Aero Tool Engrg. Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Standard Gage Co., Inc.
Swedish Gage Co.
Van Keuren Co., The
Woodworth Co., N. A.

GAGES, PIPE THREAD

Lincoln Gage Co.

GAGES, PLUG, FIXED OR ADJUSTABLE

AA Gage Co., Design Engrg.
Div.
Acme Branch Corp.

Bath & Co. Inc., John
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting
Tools & Gages
Boice Gages Inc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
C & H Gauge Co. Inc.
Carbide Tools Inc.
Colonial Mfg. Co. Inc.
Crafts Co. Inc., Arthur A.
DeKalb Precision Industries
DoAll Co., The
Dorsey Gage Co. Inc.
Dundick Tool Works Inc.
Eastern Precision Tool & Gage
Co.
Equitable Engrg. Co.
Everard Tap & Die Corp.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die Div.
United-Greenfield Corp.
Jerpak Bayless Co.
Johansson Gage Co., C. E.
Karniotis Precision Products
Inc.
Lincoln Gage Co.
Mahr Gage Co. Inc.
Mercury Tool & Die Co. Inc.
Morse Co., H. E.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
PIC Design Corp.
Pipe Machinery Co., The Gage
Div.
Pratt & Whitney Co. Inc.
Republic Gage Co.
Reli-A-Check Corp.
Rite-O-Tool & Gage Co.
Royal Oak Products Co.
Schrillo Aero Tool Engrg. Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Size Control Co.
Standard Gage Co. Inc.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Threadwell Tap & Die Co
Van Keuren Co., The
Winter Brothers Co.
Woodworth Co., N. A.

GAGES, PLUG, SINGLE & DOUBLE END

AA Gage Co.
Design Engrg. Div.
Allen Gauge & Tool Co.
Apex Branch Co. Inc.
Bath & Co. Inc., John
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting
Tools & Gages
Boice Gages Inc.
Cadillac Gage Co.
Carbide Tools Inc.
Card Div., S. W., Union Twist
Drill Co.
Crafts Co. Inc., Arthur A.
Dearborn Gage Co.
DeKalb Precision Industries
Detroit Tap & Tool Co.
DoAll Co., The
Dundick Tool Works Inc.
Eastern Precision Tool & Gage
Co.
Economy Tool & Machine Co.
Equitable Engrg. Co.
Everard Tap & Die Corp.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die Div.
United-Greenfield Corp.
Jerpak Bayless Co.
Johansson Gage Co., C. E.
Lincoln Gage Co.
Mercury Tool & Die Co. Inc.
Morse Co., H. E.
Pipe Machinery Co., The Gage
Div.
Pratt & Whitney Co. Inc.
Reli-A-Check Corp.
Rite-O-Tool & Gage Co.
Royal Oak Products Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Size Control Co.
Standard Gage Co. Inc.
Standard Tool Co.

PRODUCTS

GAGES, PLUG, SINGLE & DOUBLE END (cont.)

Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Threadwell Tap & Die Co.
Woodworth Co., N. A.

GAGES, PRESSURE (see Pressure Gages)

GAGES, RADIOACTIVE ISOTOPE

Curtis-Wright Corp.
Princeton Div.
Tracerlab Inc.

GAGES, RING, FIXED OR ADJUSTABLE

AA Gage Co. Design Engrg. Div.
Allen Gauge & Tool Co.
Bath & Co. Inc., John
Beloit Tool Corp., Regal Div.
Boice Gages Inc.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
C & H Gauge Co. Inc.
Cadillac Gage Co.
Card Div., S. W. Union Twist Drill Co.
Comptor Co., The
Crafts Co. Inc., Arthur A.
Dearborn Gage Co.
DeKalb Precision Industries
Detroit Tap & Tool Co.
DoAll Co., The
Dorsey Gage Co. Inc.
Eastern Precision Tool & Gage Co.
Economy Tool & Machine Co.
Everard Tap & Die Corp.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Huron Machine Products Inc.
Jerpak Bayless Co.
Johansson Gage Co. C. E.
Lincoln Gage Co.
Mahr Gage Co. Inc.
Mercury Tool & Die Co. Inc.
Mich. Machine & Broach Co.
Moore Products Co.
Morse Co., H. E.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Pipe Machinery Co., The Gage Div.
Pratt & Whitney Co., Inc.
Rel-A-Chek Corp.
Republic Gage Co.
Rite-O-Tool & Gage Co.
Royal Oak Products Co.
Schrillo Aero Tool Engrg. Co.
Sheffield Corp. Subsidiary
Bendix Aviation Corp.
Size Control Co.
Standard Gage Co. Inc.
Standard Tool Co.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Threadwell Tap & Die Co.
Van Keuren Co., The
Winter Brothers Co.
Woodworth Co., N. A.

GAGES, ROUNDNESS

Cleveland Instrument Co.

GAGES, SCISSOR

AA Gage Co. Design Engrg. Div.
Ames Co., B. C.
Boice Gages Inc.
Eastern Precision Tool & Gage Co.
Federal Products Corp.
Rel-A-Chek Corp.
Rite-O-Tool & Gage Co.

GAGES, SNAP, DIAL

AA Gage Co. Design Engrg. Div.
Alina Corp.
Ames Co., B. C.
Bemax Import-Export Co.
Boice Gages Inc.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Carbide Tools Inc.
Cleveland Tool & Die Co.
Comptor Co., The
Davis Gage & Engrg. Co., A. G.
Dearborn Gage Co.
DeKalb Precision Industries
Dillon & Co. Inc., W. C.

Davis Gage & Engrg. Co., A. G.
DoAll Co., The
Dorsey Gage Co. Inc.
Ereona Corp.
Federal Products Corp.
Hamilton Watch Co., Industrial Div.
Jerpak Bayless Co.
Johnson Gage Co.
Lincoln Gage Co.
Mahr Gage Co. Inc.
Mercury Tool & Die Co. Inc.
Pratt & Whitney Co. Inc.
Rel-A-Chek Corp.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Standard Gage Co. Inc.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Threadwell Tap & Tool Inc.
Vamco Machine & Tool Inc.

GAGES, SNAP, FIXED OR ADJUSTABLE

AA Gage Co. Design Engrg. Div.
Alina Corp.
Ames Co., B. C.
Bemax Import-Export Co.
Boice Gages Inc.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Cincinnati Milling & Grinding Machines Inc.
Colonial Mfg. Co. Inc.
Crafts Co. Inc., Arthur A.
DeKalb Precision Industries
DoAll Co., The
Dorsey Gage Co. Inc.
Eastern Precision Tool & Gage Co.
Electro-Autosizing Machine Corp.
Ereona Corp.
Everard Tap & Die Corp.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Jerpak Bayless Co.
Johansson Gage Co. C. E.
Johnson Gage Co.
Karniotis Precision Products Inc.
Lincoln Gage Co.
Mechanite Metal Corp.
Mercury Tool & Die Co. Inc.
Millers Falls Co.
Pratt & Whitney Co. Inc.
Products Engrg. & Mfg. Co.
Projecto-Graph Instruments Corp.
Rel-A-Chek Corp.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sheffield Corp. Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Size Control Co.
Slocumb Co., J. T.
Standard Gage Co. Inc.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
Threadwell Tap & Die Co.
Vamco Machine & Tool Inc.

GAGES, SPECIAL PURPOSE, DIAL

AA Gage Co. Design Engrg. Div.
Acme Broach Corp.
Acme Scientific Co.
Alina Corp.
Allen Gauge & Tool Co.
Ames Co., B. C.
Bedford Gear & Machine Products Inc.
Bemax Import-Export Co.
Benerson Corp.
Boice Gages Inc.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Carbide Tools Inc.
Cleveland Tool & Die Co.
Comptor Co., The
Davis Gage & Engrg. Co., A. G.
Dearborn Gage Co.
DeKalb Precision Industries
Dillon & Co. Inc., W. C.

Dorsey Gage Co. Inc.
Electro-Autosizing Machine Corp.
Ex-Cell-O Corp. Greenville Plant
Federal Products Corp.
Hawkeye Specialty Co.
Jerpak Bayless Co.
Johansson Gage Co. C. E.
Johnson Gage Co.
Mahr Gage Co. Inc.
Mayes Tool Co.
Mercury Tool & Die Co. Inc.
Muskegon Tool Industry Inc.
Octavia Tool & Gage Co.
Payne Tool & Engrg. Co., The
Petz-Emery Inc.
Pratt & Whitney Co. Inc.
Rel-A-Chek Corp.
Riggs Co., Wm. L.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
Universal Instrument Corp.
Vamco Machine & Tool Inc.

GAGES, SPECIAL PURPOSE, FIXED OR ADJUSTABLE

AA Gage Co. Design Engrg. Div.
Acme Broach Corp.
Acme Scientific Co.
Alina Corp.
Ames Co., B. C.
Arrowsmith Tool & Die Corp.
Bemax Import-Export Co.
Benerson Corp.
Besly-Welles Corp. Cutting Tool & Gages
Boice Gages Inc.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Carbide Tools Inc.
Chicago Tool & Engrg. Co.
Cincinnati Milling & Grinding Machines Inc.
City Tool Corp.
Cleveland Tool & Die Co.
Crafts Co. Inc., Arthur A.
Davis Gage & Engrg. Co., A. G.
Dearborn Gage Co.
DeKalb Precision Industries
Dorsey Gage Co. Inc.
Dunham Tool Co. Inc., The
Eastern Precision Tool & Gage Co.
Electro-Mation Assoc.
Erinac Equip. Corp.
Everard Tap & Die Corp.
Ex-Cell-O Corp. Greenville Plant
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hanover Tool Co. Inc.
Harig Mfg. Corp.
Hawkeye Specialty Co.
Holmberg Co. Inc., August W.
Industrial Tool Service
Jahn Mfg. Co., The B.
Jerpak Bayless Co.
Johnson Gage Co.
Karniotis Precision Products Inc.
Lincoln Gage Co.
Mahr Gage Co. Inc.
Mich. Machine & Broach Co.
Moore Products Co.
Morse Co., H. E.
New Britain Tool & Mfg. Co. Inc.
Obert Mfg. Co. Inc.
Optical Gaging Products Inc.
Payne Tool & Engrg. Co., The
Petz-Emery Inc.
Pipe Machinery Co., The Gage Div.
Pratt & Whitney Co. Inc.
Radio Corp. of Amer.
Rel-A-Chek Corp.
Reska Spline Products Co.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.

Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
Threadwell Tap & Die Co.
Universal Instrument Corp.
Vamco Machine & Tool Inc.
Warner & Swasey Co., The
Control Instrument Div.
Winter Brothers Co.

GAGES, SPLINE

Comtor Co., The
Mich. Machine & Broach Co.
Reska Spline Products Co.

GAGES, STOCK FEELER

AA Gage Co.
Design Engrg. Div.
Bemax Import-Export Co.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Detroit Stamping Co.
General Hardware Mfg. Co., Inc.
Lincoln Gage Co.
Lufkin Rule Co.
Millers Falls Co.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sid Tool Co. Inc.
Size Control Co.
Starrett Co., The L. S.

GAGES, SURFACE, DIAL

Ames Co., B. C.
Bemax Import-Export Co.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
DeKalb Precision Industries
DoAll Co., The
Federal Products Corp.
Hi-Shear Rivet Tool Co.
Jahn Mfg. Co., The B.
Johansson Gage Co., C. E.
Mahr Gage Co. Inc.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sheffield Corp. Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Standard Gage Co. Inc.
Swedish Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.

GAGES, TAPER

AA Gage Co., Design Eng. Div.
Allen Gauge & Tool Co.
Beloit Tool Corp., Regal Div.
Bemax Import-Export Co.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Carbide Tools Inc.
Card Div., S. W. Union Twist Drill Co.
Cincinnati Milling & Grinding Machines Inc.
Dearborn Gage Co.
DeKalb Precision Industries
Detroit Tap & Tool Co.
Godwin Gage Co.
Eastern Precision Tool & Gage Co.
Federal Products Corp.
Johansson Gage Co., C. E.
Karniotis Precision Products Inc.
Lincoln Gage Co.
Mayes Tool Co.
Moore Products Co.
Mueller Gages Co.
New Britain Tool & Mfg. Co. Inc.
Pipe Machinery Co., The Gage Div.
Pratt & Whitney Co. Inc.
Rel-A-Chek Corp.
Republic Gage Co.
Reska Spline Products Co.
Rite-O-Tool & Gage Co.
Scherr-Tumlico Co.
Sheffield Corp. Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.

Size Control Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
Taper Micrometer Corp.
Threadwell Tap & Die Co.
Van Keuren Co., The
Webber Gage Co.

GAGES, TEMPLATE

AA Gage Co. Design Engrg.
Div.
Bemax Import-Export Co.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Capitol Reproductions Inc.
Carbide Tools Inc.
City Tool Corp.
Cleveland Tool & Die Co.
Dearborn Gage Co.
DeKalb Precision Industries
Eastern Precision Tool & Gage
Co.
Federal Products Corp.
Johansson Gage Co., C. E.
Karniotis Precision Products
Inc.
Lincoln Gage Co.
Mayes Tool Co.
Payne Tool & Engrg. Co., The
Pratt & Whitney Co. Inc.
Rell-A-Chek Corp.
Rite-O-Tool & Gage Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Size Control Co.
Starrett Co., The L. S.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Tru-Center Products Co.
Universal Instrument Corp.
Wright & Sons, Gregg

GAGES, THICKNESS

Proto Tool Co.

GAGES, THREAD, DIAL

Bemax Import-Export Co.
Borel & Dunner
Davis Gage & Engrg. Co. A. G.
Dorsey Gage Co. Inc.
Ex-Cell-O Corp. Greenville
Plant
Federal Products Corp.
Homstrand Machine Tool
Corp., Tapping Div.
Johansson Gage Co. C. E.
Johnson Gage Co.
Lincoln Gage Co.
Mahr Gage Co. Inc.
Ovee Gauge Co.
Pratt & Whitney Co. Inc.
Rell-A-Chek Corp.
Rite-O-Tool & Gage Co.
Royal Oak Products Co.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Stocker & Yale Inc.
Sturdy Tool & Gage Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Van Keuren Co., The

GAGES, THREAD, FIXED OR ADJUSTABLE

AA Gage Co.
Design Engrg. Div.
Alameda Gage Co.
Allen Gage & Tool Co.
Bachmann Co. Inc., Eric R.
Bath & Co. Inc., John
Beloit Tool Corp., Regal Div.
Bemax Import-Export Co.
Besly-Welles Corp. Cutting
Tools & Gages
Boice Gages Inc.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Cadillac Gage Co.
DeKalb Precision Industries
Detroit Tap & Tool Co.
Godwin Gage Co.
DoAll Co., The
Dorsey Gage Co. Inc.

Everard Tap & Die Corp.
Ex-Cell-O Corp. Greenville
Plant
Gardner-Denver Co.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
H B Tools
Homstrand Machine Tool
Corp., Tapping Div.
Huron Machine Products Inc.
Jaw Mfg. Co.
Johansson Gage Co. C. E.
Johnson Gage Co.
Lincoln Gage Co.
Lufkin Rule Co.
Mahr Gage Co. Inc.
Meehanite Metal Corp.
Millers Falls Co.
Morae Co., H. E.
Ovee Gauge Co.
Pipe Machinery Co., The Gage
Div.
Pratt & Whitney Co. Inc.
Rell-A-Chek Corp.
Republic Gage Co.
Rite-O-Tool & Gage Co.
Royco Tap & Tool Corp.
Scherr-Tumico Co.
Schirilo Aero Tool Engrg. Co.
Sheffield Corp. Subsidiary
Bendix Aviation Corp.
Simons Co., W. T.
Size Control Co.
Starrett Co., The L. S.
Stocker & Yale Inc.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
Threadwell Tap & Die Co.
Van Keuren Co., The
Winter Brothers Co.
Woodworth Co., N. A.

GAGES, TOOL SETTING

AA Gage Co. Design Engrg.
Div.
Bemax Import-Export Co.
Borel & Dunner
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Carbide Tools Inc.
City Tool Corp.
Davis Gage & Engrg. Co.,
A. G.
DeKalb Precision Industries
Eastern Precision Tool & Gage
Co.
Electro-Autosizing Machine
Corp.
Federal Products Corp.
Gleason Works
Johansson Gage Co. C. E.
Lincoln Gage Co.
Loveloy Tool Co. Inc.
Mahr Gage Co. Inc.
Maxwell Industries Inc.
Mayes Tool Co.
Muskegon Tool Industry Inc.
Pratt & Whitney Co. Inc.
Rite-O-Tool & Gage Co.
Scherr-Tumico Co.
Scully-Jones & Co.
Selbert & Sons Inc.
Starrett Co., The L. S.
Swedish Gage Co.
Tru-Center Products Co.
Universal Instrument Corp.
Weddell Tools Inc.

GAGES, ULTRASONIC (see also

Coating Thickness Testers)
Acoustica Assoc. Inc.
Branson Instruments Inc.
Circo Equip. Co.
Curtiss-Wright Corp.
Princeton Div.
Designers for Industry Inc.
Dice Co., J. W.
Magnaflex Corp.
Pratt & Whitney Co. Inc.
Sperry Products Co., Div.
Howe Sound Co.

GAGES, VERNIER TYPE

Alina Corp.
Borel & Dunner
Brown & Sharpe Mfg. Co.
Industrial Products Div.

Coastal Abrasive & Tool
Co. Inc.
DoAll Co., The
Engis Equip. Co.
General Hardware Mfg. Co.
Inc.
Johansson Gage Co., C. E.
Koenig's Machine Tool Co.
Lloyd Tool Corp.
Lufkin Rule Co.
Mahr Gage Co. Inc.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Neise, Karl A.
Scherr-Tumico Co.
Sid Tool Co. Inc.
Slocumb Co. J. T.
Sorensen Center-Mikes Inc.
Starrett Co., The L. S.
Swedish Gage Co.
Swiss Precision Tool Co.
Testing Machines Inc.

GAGING EQUIPMENT, AUTOMATIC

AA Gage Co.
Design Engrg. Div.
Airborne Instruments Lab.
Div. Cutler-Hammer Inc.
Alina Corp.
Bachmann Co. Inc., Eric R.
Cincinnati Milling & Grinding
Machines Inc.
Cleveland Instrument Co.
Davidson Optonics Inc.
DeKalb Precision Industries
Designers for Industry Inc.
Dice Co., J. W.
Electro-Autosizing Machine
Corp.
Electro-Mation Assoc.
Federal Products Corp.
Garrison Machine Works
Inc.
Hamilton Watch Co.
Industrial Div.
Johansson Gage Co., C. E.
Kenhos Corp. Div.
Micrometrical Mfg. Co.
Moore Products Co.
Pratt & Whitney Co. Inc.
Projecto-Graph Instruments
Corp.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
Thompson Mfg. Co., Earl A.
Van Keuren Co., The

GALVANIZING EQUIPMENT

Barrett Co., The Leon J.
Bethlehem Steel Co.
Hones Inc., Charles A.
Selas Corp. of Amer.
Sunbeam Equip. Corp.

GAS ANALYZERS

Amer. Instrument Co. Inc.
Bristol Co., The
Consolidated Electrodynamics
Corp.
Electro-Mation Assoc.
Engelhard Industries Inc.
Ercona Corp.
General Electric Co.,
Apparatus Sales Div.
Ipsen Industries Inc.
Leeds & Northrup Co.
Tracerlab Inc.
Zeiss Inc., Carl

GASES, COMPRESSED

Linde Co., Div. Union
Carbide Corp.

GASKETS

Amer. Felt Co.
Amer. Instrument Co., Inc.
Armstrong Cork Co.
Belmont Smelting & Refining
Works Inc.
Chicago Rawhide Mfg. Co.
Crane Packing Co.
Garlock Packing Co., The
Houghton Co., E. F.
Johns-Manville Sales Corp.

Payne Tool & Engrg. Co., The
Polymer Corp., The
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.
Thermold Div., H. K.
Porter Co. Inc.
U. S. Rubber Co.

GAS WELDING MACHINES (see Welding Machines, Gas)

GEAR BLANKS

Bedford Gear & Machine
Products Inc.
Bethlehem Steel Co.
Birdsboro Corp.
Braun Gear Co.
Bushings Inc.
Centrifugally Cast Products
Co., The Shenango Furnace
Co.
Chi-Co. Inc.
Chicago Rawhide Mfg. Co.
Detroit Stamping Co.
Diefendorf Gear Corp.
Dynamic Gear Co. Inc.
Everard Tap & Die Corp.
Ferguson Gear Co.
Great Eastern Mfg. Inc.
Hamilton Watch Co.,
Industrial Div.
Heppenstall Co., Midvale-
Heppenstall Co.
Hy-Du-Lignum Co. Inc.
Janney Cylinder Co.
Massachusetts Gear Div.
Meehanite Metal Corp.
Ohio Forge & Machine Corp.
Ohio Gear Co., The
Oliver Gear & Machine Co.
Inc.
Overton Gear & Tool Corp.
PIC Design Corp.
Payne Tool & Engrg. Co., The
Peerless Gear & Machine Co.
Inc.
Rawling Gear Works Inc.
Renewal Service Inc.
Rochester Gear Service
Spaulding Fibre Co. Inc.
Stallman Gear Mfg. Co., The
Turner Uni-Drive Co.
Worcester Gear Works Inc.

GEAR CHAMFERING MACHINES

Barber-Colman Co., (Hobbing
Machines & Cutting Tools)
Carney-Stansfield Co.
Cross Co., The
Gleason Works
Lamb Co., F. Jos.
Lapointe Machine Co.
Modern Industrial Engrg. Co.
Orban Co. Inc., Kurt
Redin Production Machine
Co.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

GEAR CHECKING EQUIPMENT

Amer. Schless Corp.
Bedford Gear & Machine
Products Inc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Carney-Stansfield Co.
Cosa Corp.
Custom Scientific Instrument
Inc.
Electro-Autosizing Machine
Corp.
Engis Equip. Co.
Ercona Corp.
Fellows Gear Shaper Co.
Garrison Machine Works Inc.
Gleason Works
Ill. Tool Works, Machine
& Instrument Div.
International Machine & Tool
Corp.
Jerpak Bayless Co.
National Broach & Machine
Co.
Optical Gaging Products Inc.
Opto-Metric Tools Inc.
Orban Co. Inc., Kurt
Petz-Emery Inc.
Projecto-Graph Instruments
Corp.

PRODUCTS

GEAR CHECKING EQUIPMENT (cont.)

Russell Holbrook & Henderson Inc.
S & S Machinery Co.
Scherr-Tumlico Co.
Sensory Inc.
Sigma Machinery Inc.
Swiss Precision Tool Co.
Sykes Machine & Gear Corp.
Zeiss Inc., Carl

GEAR CUTTERS (see Cutters, Gear)

GEAR CUTTING MACHINES

Amer. Schless Corp.
Bachmann Co. Inc., Eric R.
Barber-Colman Co., (Hobbing Machines & Cutting Tools)
Carney-Stansfield Co.
Colonial Broach & Machine Co.
Fellows Gear Shaper Co.
Gleason Works
Lapointe Machine Co.
National Broach & Machine Co.
Norton Co., Gould & Eberhardt Div.
Orban Co. Inc., Kurt
Russell, Holbrook & Henderson Inc.
S & S Machinery Co.
Scherr-Tumlico Co.
Sigma Machinery Inc.
Sykes Machine & Gear Corp.
Waltham Machine Works Inc.

GEAR DEBURRING MACHINES

Airborne Accessories Corp.
Benerson Corp.
Carney-Stansfield Co.
Columbia International Corp.
Cross Co., The
Daese Instrument Co.
Gleason Works
Lamb Co., F. Jos.
Lapointe Machine Co.
Lord Chemical Corp.
Subsidiary Wheelabrator Corp.
Mecha-Finish Corp.
Modern Industrial Engrg. Co.
Motch & Merryweather Machinery Co., The
National Broach & Machine Co.
Orban Co. Inc., Kurt
Redin Production Machine Co.
Roto-Finish Co.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Speed-D-Burr Corp.
Waltham Machine Works Inc.
Wheelabrator Corp.

GEAR DRIVES (see Drives & Transmissions, Gear)

GEAR FINISHING LAPS

Equitable Engrg. Co.
Gleason Works
National Broach & Machine Co.

GEAR FINISHING MACHINES (except Grinders)

Fellows Gear Shaper Co.
Gleason Works
National Broach & Machine Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Sykes Machine & Gear Corp.

GEAR FINISHING TOOLS

Cratex Mfg. Co. Inc.
Equitable Engrg. Co.
Fellows Gear Shaper Co.
Gleason Works
National Broach & Machine Co.
Orban Co. Inc., Kurt
Star Cutter Co.
Sykes Machine & Gear Corp.

GEAR GENERATING MACHINES, SINGLE POINT

Gleason Works

Ill. Tool Works, Machine & Instrument Div.
Orban Co. Inc., Kurt
S & S Machinery Co.
Sykes Machine & Gear Corp.

GEAR GRINDING EQUIPMENT

Garrison Machine Works Inc.
Gleason Works
High Precision Products Co.
Lamb Co., F. Jos.
National Broach & Machine Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Sykes Machine & Gear Corp.

GEAR GRINDING MACHINES

Fellows Gear Shaper Co.
Gleason Works
National Broach & Machine Co.
Orban Co. Inc., Kurt
Russell, Holbrook & Henderson Inc.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sigma Machinery Inc.
Sykes Machine & Gear Corp.

GEAR HOBBING MACHINES

Amer. Schless Corp.
Bachmann Co. Inc., Eric R.
Barber-Colman Co., (Hobbing Machines & Cutting Tools)
Carney-Stansfield Co.
Cleveland Hobbing & Machine Co.
Cosa Corp.
Fellows Gear Shaper Co.
Hamilton Tool Co., The
Lee-Bradner Co., The
Norton Co., Gould & Eberhardt Div.
Orban Co. Inc., Kurt
Russell, Holbrook & Henderson Inc.
S & S Machinery Co.
Scherr-Tumlico Co.
Sigma Machinery Inc.
Sykes Machine & Gear Corp.
Wender Presses Inc.

GEAR HONING MACHINES

National Broach & Machine Co.
S & S Machinery Co.

GEAR MEASURING MACHINES

Carney-Stansfield Co.
Cosa Corp.
Electro-Aut sizing Machine Corp.
Engis Equip. Co.
Ercona Corp.
Fellows Gear Shaper Co.
Gleason Works
High Precision Products Co.
Ill. Tool Works, Machine & Instrument Div.
Jerpak Bayless Co.
Jones & Lamson Machine Co.
National Broach & Machine Co.
Opto-Metric Tools Inc.
Orban Co. Inc., Kurt
Russell, Holbrook & Henderson Inc.
S & S Machinery Co.
Scherr-Tumlico Co.
Sigma Machinery Inc.
Star Cutter Co.
Sykes Machine & Gear Corp.
Vince Corp.
Warner & Swasey Co., The
Control Instrument Div.
Zeiss Inc., Carl

GEAR MILLING MACHINES

Bachmann Co. Inc., Eric R.
High Precision Products Co.
S & S Machinery Co.
Sigma Machinery Inc.
Waltham Machine Works Inc.

GEAR PLANING MACHINES

Gleason Works
Lapointe Machine Co.

Masta Machine Co.
S & S Machinery Co.

GEAR ROLLING MACHINES

Grob Inc.
Orban Co. Inc., Kurt
S & S Machinery Co.

GEAR SHAPING MACHINES

Amer. Schless Corp.
Carney-Stansfield Co.
Fellows Gear Shaper Co.
High Precision Products Co.
Russell, Holbrook & Henderson Inc.
S & S Machinery Co.
Sigma Machinery Inc.
Sykes Machine & Gear Corp.
Wender Presses Inc.

GEAR SHAVING MACHINES

A & C Engrg. Co. Inc.
Fellows Gear Shaper Co.
Lapointe Machine Co.
National Broach & Machine Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Sykes Machine & Gear Corp.

GEARMOTORS

Cone Drive Gears, Div.
Mich. Tool Co.
Doerr Electric Corp.
Great Eastern Mfg. Inc.
Howell Electric Motors Co.
Link-Belt Co.
Sterling Electric Motors Inc.
Von Weise Gear Co.

GEARS, BEVEL

Automotive Gear Works Inc.
Crofoot Gear Corp., Chas. E.
Federal Gear Inc.
Industrial Gear Mfg. Co.

GEARS, HELICAL

Abart Gear & Machine Co.
Ailing-Lander Co. Inc.
Arrow Gear Co.
Automotive Gear Works Inc.
Beaver Gear Works Inc.
Bedford Gear & Machine Products Inc.
Bethlehem Steel Co.
Boston Gear Works
Brad Foote Gear Works Inc.
Braun Gear Co.
Camdale Precision Inc.
Cincinnati Gear Co., The
Cloyes Gear & Products Inc.
Cone-Drive Gears, Div.
Mich. Tool Co.
Crofoot Gear Corp., C. E.
Detroit Bevel Gear Co., Div.
Napco Industries Inc.
Diefendorf Gear Corp.
Dynamic Gear Co. Inc.
Eaton Mfg. Co.
Equitable Engrg. Co.
Federal Gear Inc.
Ferguson Gear Co.
Frankie Gear Works Inc.
Gear Specialties Inc.
Grant Gear Works Inc.
Great Eastern Mfg. Inc.
Hamilton Gear & Machine Co.

Hewitt-Robins
High Precision Products Co.
Indiana Gear Works Inc.
Industrial Gear Mfg. Co.
Instrument Gear Works Inc.
Jual Gear Co. Inc.
Link-Belt Co.
Massachusetts Gear Div.
Geartronics Corp.
Meehanite Metal Corp.
Milwaukee Gear Co.
Morse Chain Co.
National Broach & Machine Co.
Ohio Forge & Machine Corp.
Ohio Gear Co., The
Oliver Gear & Machine Co. Inc.
Overton Gear & Tool Corp.
PIC Design Corp.
Pickup Precision Gear Co.
Pottstown Machine Co.
Precision Gear Div.
Perfecting Service Co.

Precision Gears Inc.
Rawling Gear Works Inc.
Rochester Gear Service
Sargent Engrg. Corp.
Sewall Mfg. Co., E. B.
Sier-Bath Gear & Pump Co.

Sier-Bath Gear & Pump Co., Pump Coupling Div.
Simonds Gear & Mfg. Co., The
St. Louis Gear Co. Inc.
Stahl Gear & Machine Co., The
Stallman Gear Mfg. Co., The
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
U. S. Gear Corp.
Western Gear Corp.
Westinghouse Electric Corp.
Williamson Gear & Machine Co.
Worcester Gear Works Inc.
X. L. Gears Inc.

GEARS, HERRINGBONE

Automotive Gear Works Inc.
Industrial Gear Mfg. Co.
Milwaukee Gear Co.

GEARS, HYPOID

Arrow Gear Co.
Automotive Gear Works Inc.
Bedford Gear & Machine Products Inc.
Bethlehem Steel Co.
Brad Foote Gear Works Inc.
Cincinnati Gear Co., The
Detroit Bevel Gear Co., Div.
Napco Industries Inc.
Diefendorf Gear Corp.
Eaton Mfg. Co.
Gear Specialties Inc.
Gleason Works
Rochester Bevel Gear Co.
Sargent Engrg. Corp.
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
Western Gear Corp.
Westinghouse Electric Corp.

GEARS, INJECTION MOLDED

Automotive Gear Works Inc.
Carney-Stansfield Co.
Rampe Mfg. Co.

GEARS, INTERNAL

Automotive Gear Works Inc.
Federal Gear Inc.
Milwaukee Gear Co.
Standard Tool Co.

GEARS, MASTER

Automotive Gear Works Inc.
Camdale Precision Inc.
Carney-Stansfield Co.
Cleveland Tool & Die Co.
Equitable Engrg. Co.
Gleason Works
Ill. Tool Works, Machine & Instrument Div.
Indiana Gear Works Inc.
National Broach & Machine Co.
National Tool Co.
Orban Co. Inc., Kurt
PIC Design Corp.
Reska Spine Products Co.
Russell, Holbrook & Henderson Inc.
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
Sykes Machine & Gear Corp.
Western Gear Corp.
Williamson Gear & Machine Co.

GEARS, POWDER METAL

Automotive Gear Works Inc.
Eaton Mfg. Co.
Hailer Inc.
Sier-Bath Gear & Pump Co., Pump Coupling Div.

GEARS, SCREW BEVEL

Arrow Gear Co.
Automotive Gear Works Inc.
Brad Foote Gear Works Inc.
Braun Gear Co.
Gear Specialties Inc.

High Precision Products Co.
Ind. Gear Works Inc.
Milwaukee Gear Co.
Peerless Gear & Machine Co., Inc.
Precision Gear Div., Perfecting Service Co.
Rochester Bevel Gear Co.
Sargent Engrg. Corp.
St. Louis Gear Co. Inc.
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
Western Gear Corp.
Williamson Gear & Machine Co.

GEARS, SPECIAL TYPE

Abart Gear & Machine Co.
Accurate Gear Works
Alling-Lander Co. Inc.
Arrow Gear Co.
Automotive Gear Works Inc.
Bethlehem Steel Co.
Braun Gear Co.
Brad Foote Gear Works Inc.
Cincinnati Gear Co., The
Crofoot Gear Corp., C. E.
Detroit Bevel Gear Co., Div.
Napco Industries Inc.
Dieffendorf Gear Corp.
Dynamic Gear Co. Inc.
Eaton Mfg. Co.
Equitable Engrg. Co.
Federal Gear Inc.
Ferguson Gear Co.
Frankie Gear Works Inc.
Gear Specialties Inc.
Gleason Works
Grant Gear Works Inc.
Great Eastern Mfg. Inc.
Hamilton Gear & Machine Co.
Hewitt-Robins
High Precision Products Co.
Ind. Gear Works Inc.
Juall Gear Co. Inc.
Massachusetts Gear Div.,
Geartronics Corp.
National Broach & Machine Co.
Ohio Forge & Machine Corp.
Ohio Gear Co., The
Oliver Gear & Machine Co. Inc.
Overton Gear & Tool Corp.
PIC Design Corp.
Peerless Gear & Machine Co. Inc.
Precision Gear Div., Perfecting Service Co.
Precision Gears Inc.
Rawling Gear Works Inc.
Rochester Bevel Gear Co.
Rochester Gear Service
Sargent Engrg. Corp.
Sewall Mfg. Co., E. B.
Sier-Bath Gear & Pump Co.
Sier-Bath Gear & Pump Co.,
Pump Coupling Div.
Steel Products Engrg. Co.,
Div. Kelsey-Hayes Co.
United Engrg. & Foundry Co.
U. S. Gear Corp.
Waltham Machine Works Inc.
Watson Co., Ray V.
Western Gear Corp.
Westinghouse Electric Corp.
Williamson Gear & Machine Co.
Worcester Gear Works Inc.
X L Gears Inc.

GEARS, SPIRAL

Abart Gear & Machine Co.
Arrow Gear Co.
Automotive Gear Works Inc.
Bedford Gear & Machine Products Inc.
Braun Gear Co.
Brad Foote Gear Works Inc.
Cincinnati Gear Co., The
Cloyes Gear & Products Inc.
Crofoot Gear Corp., C. E.
Detroit Bevel Gear Co., Div.
Napco Industries Inc.
Dieffendorf Gear Corp.
Eaton Mfg. Co.
Federal Gear Inc.
Ferguson Gear Co.
Gear Specialties Inc.
Gleason Works
Grant Gear Works Inc.
Hamilton Gear & Machine Co.
Hewitt-Robins
High Precision Products Co.
Ind. Gear Works Inc.

Industrial Gear Mfg. Co.
Instrument Gear Works Inc.
Juall Gear Co. Inc.
Link-Belt Co.
Massachusetts Gear Div.,
Geartronics Corp.
Milwaukee Gear Co.
Ohio Forge & Machine Corp.
Oliver Gear & Machine Co. Inc.
PIC Design Corp.
Pickup Precision Gear Co.
Precision Gear Div.,
Perfecting Service Co.
Precision Gears Inc.
Rawling Gear Works Inc.
Rochester Bevel Gear Co.
Rochester Gear Service
Sargent Engrg. Corp.
Sewall Mfg. Co., E. B.
Sier-Bath Gear & Pump Co.
Sier-Bath Gear & Pump Co.,
Pump Coupling Div.
Stahl Gear & Machine Co., The
Stallman Gear Mfg. Co., The
Steel Products Engrg. Co.,
Div. Kelsey-Hayes Co.
U. S. Gear Corp.
Western Gear Corp.
Williamson Gear & Machine Co.
Worcester Gear Works Inc.

GEARS, SPUR

Abart Gear & Machine Co.
Alling-Lander Co. Inc.
Arrow Gear Co.
Automotive Gear Works Inc.
Beaver Gear Works Inc.
Bedford Gear & Machine Products Inc.
Bethlehem Steel Co.
Birdsboro Corp.
Boston Gear Works
Brad Foote Gear Works Inc.
Braun Gear Co.
Camdale Precision Inc.
Cincinnati Gear Co., The
Cloyes Gear & Products Inc.
Cone-Drive Gears, Div. Mich.
Tool Co.
Crofoot Gear Corp., C. E.
Daco Instrument Co.
Detroit Bevel Gear Co., Div.
Napco Industries Inc.
Dieffendorf Gear Corp.
Dynamic Gear Co. Inc.
Eaton Mfg. Co.
Equitable Engrg. Co.
Federal Gear Inc.
Ferguson Gear Co.
Frankie Gear Works Inc.
Gear Specialties Inc.
Grant Gear Works Inc.
Great Eastern Mfg. Inc.
Hamilton Gear & Machine Co.
Hewitt-Robins
High Precision Products Co.
Ind. Gear Works Inc.
Industrial Gear Mfg. Co.
Instrument Gear Works Inc.
Juall Gear Co. Inc.
Link-Belt Co.
Love Brothers-Pryott
Massachusetts Gear Div.,
Geartronics Corp.
Mechanite Metal Corp.
Milwaukee Gear Co.
Ohio Forge & Machine Corp.
Ohio Gear Co., The
Oliver Gear & Machine Co. Inc.
Overton Gear & Tool Corp.
PIC Design Corp.
Peerless Gear & Machine Co.
Pickup Precision Gear Co.
Pottstown Machine Co.
Precision Gear Div.,
Perfecting Service Co.
Precision Gears Inc.
Rawling Gear Works Inc.
Rochester Gear Service
Sargent Engrg. Corp.
Sewall Mfg. Co., E. B.
Sier-Bath Gear & Pump Co.
Sier-Bath Gear & Pump Co.,
Pump Coupling Div.
Simonds Gear & Mfg. Co., The
St. Louis Gear Co. Inc.
Stahl Gear & Machine Co., The
Stallman Gear Mfg. Co., The
Steel Products Engrg. Co., Div.
Turner Uni-Drive Co.
U. S. Gear Corp.

Watson Co., Ray V.
Western Gear Corp.
Westinghouse Electric Corp.
Williamson Gear & Machine Co.
Worcester Gear Works Inc.
X L Gears Inc.

GEARS, WORM

Automotive Gear Works Inc.
Cleveland Worm & Gear Co., The
Cone-Drive Gears, Div., Mich.
Tool Co.
Crofoot Gear Corp., Charles E.
Federal Gear, Inc.
Grant Gear Works Inc.
Great Eastern Mfg. Inc.
Industrial Gear Mfg. Co.
Milwaukee Gear Co.
Ohio Gear Co., The

GEAR TESTING MACHINES

Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Daco Instrument Co.
Fellows Gear Shaper Co.
Gleason Works
Ill. Tool Works Machine &
Instrument Div.
National Broach & Machine Co.
Opto-Metric Tools Inc.
Orban Co. Inc., Kurt
S & S Machinery Co.
Scherr-Tumlico Co.
Sykes Machine & Gear Corp.
Zeiss Inc., Carl

GEMS, NATURAL & SYNTHETIC

Abrasive Dressing Tool Co.
Barton Mines Corp.

GENERATORS

Engelhard Industries Inc.
Electric Furnace Co., The
Fairbanks Morse & Co.
General Electric Co.,
Apparatus Sales Div.
Holtzer-Cabot Div., National
Pneumatic Co.
Kearfott Div., General
Precision Inc.
Leland Ohio Electric Co.,
Subsidiary Howell Electric
Motors Co.
Lindberg Engrg. Co.
Reliance Electric & Engrg. Co.
Sargeant & Wilbur Inc.
Surface Combustion, Div.
Midland-Ross Corp.
Westinghouse Electric Corp.

GENERATORS, ELECTRIC

Allis-Chalmers Mfg. Co.
Allis Co., The Louis
Century Electric Co.
Delco Products, Div. General
Motors Corp.
Fairbanks Morse & Co.
General Electric Co. Apparatus
Sales Div.
General Radio Co.
Hayes Inc., C. I.
Holtzer-Cabot Div., National
Pneumatic Co.
Katolight Corp.
Kearfott Div., General
Precision Inc.
Leland Ohio Electric Co.,
Subsidiary Howell Electric
Motors Co.
Lincoln Electric Co., The
Marathon Electric Mfg. Corp.
Milwaukee Electric Tool Corp.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Robbins & Meyers Inc., Motor
Div.
Westinghouse Electric Corp.

GLASS, BASIC PRODUCTS

Conn. Instrument Corp.
Fish-Schurman Corp.

GLASS, FINISHED PRODUCTS

Bausch & Lomb Optical Co.
Conn. Instrument Corp.
Davidson Optonics Inc.
Fish-Schurman Corp.
U. S. Gypsum Co.

GOVERNORS, AIR

Eclipse Fuel Engrg. Co.
General Controls Co.
Hannifin Co., Div. Parker-
Hannifin Corp.
Westinghouse Air Brake Co.,
Industrial Products Div.

GRADUATING MACHINES

Gorton Machine Co., George
Noble & Westbrook Mfg.

GRAPHITE, BASIC PRODUCTS

Bel-Ray Co. Inc.
Renewal Service Inc.

GREASE CUPS

Link-Belt Co.

GREASE GUNS, HAND

Alemite Div., Stewart-Warner
Corp.
Aro Equip. Corp., The
Renewal Service Inc.

GREASES

Aldridge Industrial Oils Inc.
Alemite Div., Stewart-Warner
Corp.
Bel-Ray Co. Inc.
Cook's Sons Inc., Adam
Esso Standard Div., Humble
Oil & Refining Co.
Flake Bros. Refining Co.
Lubriplate Div.
Kerns Co., L. R.
Keystone Lubricating Co.
Magnus Chemical Co. Inc.
Metal Lubricants Co.
Mobil Oil Co.
National Refining Co., Div.
Ashland Oil & Refining Co.
N. Y. & N. J. Lubricant Co.
Pate Oil Co.
Penola Oil Co.
Renewal Service Inc.
Sansons & Sons Inc., Henry E.
Schaffner Mfg. Co. Inc.
Sinclair Refining Co.
Specialty Products Co.
Standard Oil Co. of Ind.
Stuart Oil Co. Ltd., D. A.
Sun Oil Co.
Texaco Inc.
Valvoline Oil Co., Div.
Ashland Oil & Refining Co.
White & Bagley Co., The

GRINDERS, ABRASIVE BELTS (see Abrasive Belt Machines)

GRINDERS CENTER

High Precision Products Co.

GRINDERS, CHASER

Eastern Machine Screw Corp.
Gallmeyer & Livingston Co.
Jones & Lamson Machine Co.
Landis Machine Co.
S & S Machinery Co.

GRINDERS, CRUSH FORM

Cincinnati Milling & Grinding
Machines Inc.
Crystal Lake Grinders
DoAll Co., The
Gallmeyer & Livingston Co.
International Machine & Tool
Corp.
Jones & Lamson Machine Co.
Landis Tool Co., Cylindrical
Grinders
Lapointe Machine Co.
Mattison Machine Works
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Thompson Grinder Co., The
Van Norman Machine Co.,

GRINDERS, DIE

Aro Equip. Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div.
Reed Roller Bit Co.
Covel Mfg. Co.

PRODUCTS

GRINDERS, DIE (cont.)

DoAll Co., The
Doeden Tool Corp., Doteo
Pneumatic Tools
Dumore Precision Tools Co.
Eastown Tool & Engrg. Co.
Gardner-Denver Co.
Harig Mfg. Corp.
Mattison Machine Works
Newage Industries Inc.
Norton Co., Machine Div.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Precise Products Corp.
Remington Arms Co. Inc.
S & S Machinery Co.
Skill Corp.
Standard Electrical Tool Co.,
The
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.
U. S. Electrical Tool Co.
Wilson Inc., Thomas C.

GRINDERS, FLEXIBLE SHAFT

Bing Flexible Shaft Div.,
Swartz & White Mfg. Co.
Dumore Precision Tools Co.
Elliott Mfg. Co. Inc., B. W.
Engis Equip. Co.
Foredom Electric Co. Inc.
Haskins Co., R. G.
Jarvis Corp.
Martindale Electric Co.
Mohawk File & Tool Co.
Precise Products Corp.
Remington Arms Co. Inc.
Ryerson & Son Inc., Joseph T.
Strand Flexible Shaft Inc.,
N. A.
Wyzenbeek & Staff Inc.

GRINDERS, HAND

Ashcomb Co.
Bachmann Co. Inc., Eric R.
Chicago Pneumatic Tool Co.
Crystal Lake Grinders
DoAll Co., The
Dumore Precision Tool Co.
Duro Metal Products Co.
Hanchett Mfg. Co.
Lee Co., K. O.
Metal Removal Co., The
Mohawk File & Tool Co.
Onsrud Machine Co.
Precise Products Corp.
Ryerson & Son Inc., Joseph T.
Sid Tool Co. Inc.
Skill Corp.
Superior Pneumatic & Mfg.
Inc.
Thor Power Tool Co.

GRINDERS, PNEUMATIC

Aro Equip. Corp., The
Ashcomb Co.
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div.
Reed Roller Bit Co.
Doeden Tool Corp., Doteo
Pneumatic Tools
Gardner-Denver Co.
Ingersoll-Rand Co.
M-B Products Inc.
Master Power Corp., Black &
Decker Subsidiary
Metal Removal Co., The
Remington Arms Co. Inc.
Rotor Tool Co., The
Skill Corp.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.
Wachs Co., The E. H.

GRINDERS, PORTABLE ELECTRIC

Bachmann Co. Inc., Eric R.
Bing Flexible Shaft Div.,
Swartz & White Mfg. Co.
Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Dumore Precision Tools Co.
Foredom Electric Co. Inc.
Ingersoll-Rand Co.
M & M Tool & Mfg. Co.

McGonegal Mfg. Co., The
Millers Falls Co.
Milwaukee Electric Tool Corp.
Porter-Cable Machine Co.
Precise Products Corp.
Rotor Tool Co., The
Ryerson & Son Inc., Joseph T.
Skill Corp.
Snap-On Tool Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.
Wachs Co., The E. H.
Wisota Mfg. Co.
Wodack Electric Tool Corp.

GRINDERS, PORTABLE

Cincinnati Electrical Tool Co.,
The
Doeden Tool Corp., Doteo
Pneumatic Tools
Dumore Precision Tools Co.
Hissey-Wolf Machine Co., The
McGonegal Mfg. Co., The
Precise Products Corp.
Ryman Engrg. Co.
Sid Tool Co. Inc.
U. S. Electrical Tool Co.

GRINDERS, PORTABLE PNEUMATIC

Airetool Mfg. Co., The
Aro Equip. Corp., The
Ashcomb Co.
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div.
Reed Roller Bit Co.
Doeden Tool Corp., Doteo
Pneumatic Tools
Field Abrasive Mfg. Co. Inc.
Ingersoll-Rand Co.
M-B Products Inc.
Madison-Klapp Corp.
Master Power Corp., Black &
Decker Subsidiary
Metal Removal Co., The
Newage Industries Inc.
Remington Arms Co. Inc.
Rotor Tool Co., The
Skill Corp.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.
Wachs Co., The E. H.
Wilson Inc., Thomas C.

GRINDERS, PROFILE

Bachmann Co. Inc., Eric R.
Boyer-Schultz Corp.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Carney-Stansfield Co.
Ernac Equip. Corp.
Ex-Cell-O Corp., Detroit
Glenhard Tool Mfrs. Inc.
Kindt-Collins Co.
Lapointe Machine Co.
Mattison Machine Works
Rice Pump & Machine Co.
S & S Machinery Co.
United Tool Co.

GRINDERS, TAP

Blake Co. Inc., Edward
Boggs & Co., Henry P.
Hammond Machinery Builders
Inc.
Jones & Lamson Machine Co.
Orban Co. Inc., Kurt
Royal Oak Tool & Machine Co.
Grinder Div.
S & S Machinery Co.
Steptool Corp.

GRINDING ACCESSORIES & EQUIPMENT

Ashcomb Co.
Behr-Manning Co.,
Div. of Norton Co.
Black & Decker Mfg. Co., The
Boyer-Schultz Corp.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Chicago Pneumatic Tool Co.
Cincinnati Milling & Grinding
Machines Inc.
Deakin & Son, J. A.
Delta Power Tool Div.,
Rockwell Mfg. Co.
Dumore Precision Tools Co.

Eastown Tool & Engrg. Co.
Frauenthal Div., The Kaydon
Engrg. Corp.
Hissey-Wolf Machine Co., The
Hjorth Lathe & Tool Co.
J & S Tool Co. Inc.
Jerpak Bayless Co.
Lapointe Machine Co.
M & M Tool & Mfg. Co.
Metal Removal Co., The
Montgomery & Co. Inc.
Multiplex Co.
Muskegon Tool Industries Inc.
Norton Co., Machine Div.
Parker-Majestic Inc.
Rocheleau Tool & Die Co. Inc.
Royal Oak Tool & Machine
Co. Grinder Div.
S & S Machinery Co.
Skill Corp.
Speed Line Div., Diamond
Die & Mold
Standard Electrical Tool Co.
Steptool Corp.
Tuf-Peice Mfg. Co., The
Thompson Mfg. Co., Earl A.
U. S. Electrical Tool Co.
Universal Vise & Tool Co.
V-B Mfg. Co.
Wheel Dressing Inc.

GRINDING ATTACHMENTS, CENTERLESS

Cincinnati Milling & Grinding
Machines Inc.
Landis Tool Co.
(Cylindrical Grinders)
Lapointe Machine Co.
Norton Co., Machine Div.
Rocheleau Tool & Die Co. Inc.
S & S Machinery Co.
Thompson Mfg. Co., Earl A.
Twentieth Century Mfg. Co.
Van Norman Machine Co. Div.
Van Norman Industries Inc.
Wheel Dressing Inc.

GRINDING ATTACHMENTS, DRILL SHARPENING

General Hardware Mfg. Co. Inc.

GRINDING ATTACHMENTS, JIG

Chi-Co Inc.
Chicago Tool & Engrg. Co.
Doeden Tool Corp.
Harig Mfg. Corp.
Karnotis Precision Products
Inc.
Knight Machinery Co., W. B.
M & M Tool & Mfg. Co.
Manex Machinery Corp.
Precise Products Corp.
S & S Machinery Co.
Threadwell Tap & Die Co.
Vulcan Tool Co.

GRINDING ATTACHMENTS, TOOL POST

Cincinnati Electrical Tool Co.,
The
Clausing Div., Atlas Press Co.
Doeden Tool Corp.
Doteo Pneumatic Tools
Dumore Precision Tools Co.
Hissey-Wolf Machine Co., The
McGonegal Mfg. Co., The
Mohawk File & Tool Co.
Precise Products Corp.
Ryman Engrg. Co.
Standard Electrical Tool Co.,
The
U. S. Electrical Tool Co.

GRINDING ATTACHMENTS, TOOL SHARPENING

Bokum Tool Co. Inc.
Boyer-Schultz Corp.
Cincinnati Milling & Grinding
Machines Inc.
Connelly Machine Works
Criterion Machine Works
DeVlieg Machine Co.
Glenhard Tool Mfrs. Inc.
H B Tools
Hjorth Lathe & Tool Co.
Lapointe Machine Co.
Lee Co., K. O.

Montgomery & Co. Inc.
Norton Co., Machine Div.
Rocheleau Tool & Die Co. Inc.
Royal Oak Tool & Machine Co.
Grinder Div.
Snap-On Tools Corp.
Standard Electrical Tool Co.,
The
Steptool Corp.
Thor Power Tool Co.
Tru-Center Products Co.
V-B Mfg. Co.
Weldon Tool Co., The

GRINDING MACHINES, BENCH

Baldor Electric Co.
Boice-Crane Co.
Boyer-Schultz Corp.
Brown-Brockmeyer Co., The
Cincinnati Electrical Tool Co.,
The
Cosa Corp.
Crystal Lake Grinders
Deakin & Son, J. A.
Delta Power Tool Div.
Rockwell Mfg. Co.
Hammond Machinery Builders
Inc.
Hartex Div., Union Twist
Drill Co.
Hissey-Wolf Machine Co., The
Industrial Tool Service
Micromatic Hone Corp.
Millers Falls Co.
Mooradian Mfg. Co.
Porter-Cable Machine Co.
Prosser & Son, Thomas
Queen City Machine Tool Co.
Remington Arms Co. Inc.
Royal Oak Tool & Machine
Co., Grinder Div.
Ryman Engrg. Co.
Schauer Mfg. Corp.
Skill Corp.
Standard Electrical Tool Co.,
The
Sundstrand-Amer. Broach
Div. Sundstrand Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.
Wisota Mfg. Co.

GRINDING MACHINES, BROACH

Apex Broach Co. Inc.
Colonial Broach & Machine Co.
Gallmeier & Livingston Co.
Lapointe Machine Co.
Lapointe Machine Tool Co.
Parker-Majestic Inc.
Sundstrand Machine Tool
Div. Sundstrand Corp.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.

GRINDING MACHINES, CARBIDE

Anocut Engrg. Co.
Baldor Electric Co.
Blount Co., J. G. Subsidiary
Bowl-Mer Co. Inc.
Cincinnati Electrical Tool Co.,
The
Crystal Lake Grinders
Delta Power Tool Div.,
Rockwell Mfg. Co.
DeVlieg Machine Co.
Diamond Tool Co.
Ex-Cell-O Corp., Detroit
Hammond Machinery Builders
Inc.
Hissey-Wolf Machine Co., The
Lectrochem Sales Corp.
Loeffel Co. Inc., The Arthur
Norton Co., Machine Div.
Prosser & Son, Thomas
Sid Tool Co. Inc.
Standard Electrical Tool Co.,
The
U. S. Electrical Tool Co.
United Tool Co.
Wickman Mfg. Co.

GRINDING MACHINES, CENTERLESS

Amer. Laubacher Corp.
B. S. A. Tools Ltd.
Bachmann Co. Inc., Eric R.
Bryant Chucking Grinder Co.
Carney-Stansfield Co.

Cincinnati Milling & Grinding Machines Inc.
Cosa Corp.
Glebar Co. Inc.
Hammond Machinery Builders Inc.
Landis Tool Co. Cylindrical Grinders
Lapointe Machine Co.
Norton Co., Machine Div.
Production Machine Co.
Royal Master Grinders Inc.
Russell, Holbrook & Henderson Inc.
S & S Machinery Co.
Sigma Machinery Co.
Sundstrand-Amer. Broach Div.
Sundstrand Corp.
Thompson Mfg. Co., Earl A.
Van Norman Machine Co. Div.
Van Norman Industries Inc.
Wender Presses Inc.

GRINDING MACHINES, CONTOUR

Bachmann Co. Inc., Eric R.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Bryant Chucking Grinder Co.
Cincinnati Milling & Grinding Machines Inc.
Cleveland Tool & Die Co.
Cosa Corp.
Frauenthal Div., The Kaydon Engrg. Corp.
Gallmeyer & Livingston Co.
Glenbard Tool Mfrs. Inc.
Hammond Machinery Builders Inc.
Heald Machine Co., The Kindt-Collins Co.
Landis Tool Co.
(Cylindrical Grinders)
Lapointe Machine Co.
Mattison Machine Works
Micromatic Hone Corp.
Nicholas Equip. Co.
Norton Co., Machine Div.
Parker-Majestic Inc.
Royal Oak Tool & Machine Co. Grinder Div.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Springfield Machine Tool Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
United Tool Co.

GRINDING MACHINES, CRANKSHAFT

Bachmann Co. Inc., Eric R.
Cincinnati Milling & Grinding Machines Inc.
Landis Tool Co.
(Cylindrical Grinders)
Lapointe Machine Co.
Norton Co., Machine Div.
Orban Co. Inc., Kurt
S & S Machinery Co.
Van Norman Machine Co. Div.
Van Norman Industries Inc.

GRINDING MACHINES, DISK

Atlanta Machine & Mfg. Co.
Besly-Welles Corp., Machine Tools & Abrasives
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Eastown Tool & Engrg. Co.
Gardner Machine Co.
Hissey-Wolf Machine Co., The Kindt-Collins Co.
Mattison Machine Works
Max Mfg. Co.
Oliver Machinery Co.
Queen City Machine Tool Co.
S & S Machinery Co.
Standard Electrical Tool Co., The

GRINDING MACHINES, DRILL

Assoc. Amer. Winding Machinery
Bachmann Co. Inc., Eric R.
Blake Co. Inc., Edward
Carney-Stansfield Co.

Cincinnati Electrical Tool Co., The
Cincinnati Lathe & Tool Co.
Clarke Specialty Co.
Covel Mfg. Co.
Dumore Precision Tools Co.
Hammond Machinery Builders Inc.
Hissey-Wolf Machine Co., The Leland-Gifford Co.
Lloyd Tool Corp.
Loeffel Co. Inc., The Arthur
McDonough Mfg. Co.
Micromatic Hone Corp.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Prosser & Son, Thomas
Royal Oak Tool & Machine Co. Grinder Div.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sigma Machinery Inc.
Skill Corp.
Standard Electrical Tool Co., The
Steptool Corp.
T & H Mfg. Co.
U. S. Electrical Tool Co.
Up-To-Date Tool Co.
Winslow Products Engrg.

GRINDING MACHINES, ELECTROLYTIC

Anocut Engrg. Co.
B. S. A. Tools Ltd.
Cincinnati Electrical Tool Co., The
Cincinnati Milling & Grinding Machines Inc.
DoAll Co., The
Ex-Cell-O Corp., Detroit
Gallmeyer & Livingston Co.
Hammond Machinery Builders Inc.
Hissey-Wolf Machine Co., The
Lectrochem Sales Corp.
M & M Tool & Mfg. Co.
Standard Electrical Tool Co., The
U. S. Electrical Tool Co.
United Tool Co.

GRINDING MACHINES, EXTERNAL CYLINDRICAL

Alina Corp.
Amer. Waldrich Mfg. Corp.
Austin Industrial Corp.
Bachmann Co. Inc., Eric R.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Columbia International Corp.
Frauenthal Div., The Kaydon Engrg. Corp.
Gallmeyer & Livingston Co.
Landis Tool Co.
(Cylindrical Grinders)
Lapointe Machine Co.
M & M Tool & Mfg. Co.
Mesta Machine Co.
Micromatic Hone Corp.
Norton Co., Machine Div.
Olivetti Corp. of Amer., Machine Tool Div.
Orban Co. Inc., Kurt
Parker-Majestic Inc.
Production Machine Co.
Rivett Lathe & Grinder Inc.
Russell, Holbrook & Henderson Inc.
Ryman Engrg. Co.
S & S Machinery Co.
Sigma Machinery Inc.
Sundstrand-Amer. Broach Div.
Sundstrand Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Thompson Mfg. Co., Earl A.
Van Norman Machine Co. Div.
Van Norman Industries Inc.
Wender Presses Inc.

GRINDING MACHINES, FLUTE

Blake Co. Inc., Edward
Crosby Machine Tool Co.
Glendale Machine Works

Royal Oak Tool & Machine Co.
Grinder Div.
S & S Machinery Co.

GRINDING MACHINES, FORM

Bachmann Co. Inc., Eric R.
Cleveland Tool & Die Co.
Columbia International Corp.
Cosa Corp.
Crystal Lake Grinders
DoAll Co., The
Ex-Cell-O Corp., Detroit
Frauenthal Div., The Kaydon Engrg. Corp.
Gallmeyer & Livingston Co.
Glebar Co. Inc.
Glenbard Tool Mfrs. Inc.
Jones & Lamson Machine Co.
Lapointe Machine Co.
Micromatic Hone Corp.
Norton Co., Machine Div.
Royal Oak Tool & Machine Co. Grinder Div.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Thompson Grinder Co., The
United Tool Co.

GRINDING MACHINES, GEAR (see Gear Grinding Machines)

GRINDING MACHINES, INTERNAL CYLINDRICAL

Alina Corp.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Bryant Chucking Grinder Co.
Carney-Stansfield Co.
Columbia International Corp.
Cosa Corp.
Crystal Lake Grinders
Frauenthal Div., The Kaydon Engrg. Corp.
Gallmeyer & Livingston Co.
Heald Machine Co., The
Index Industrial Corp.
Industrial Tool Service
Lapointe Machine Co.
M & M Tool & Mfg. Co.
Mesta Machine Co.
Micromatic Hone Corp.
Orban Co. Inc., Kurt
Parker-Majestic Inc.
Rivett Lathe & Grinder Inc.
Russell, Holbrook & Henderson Inc.
Ryman Engrg. Co.
S & S Machinery Co.
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Thompson Mfg. Co., Earl A.
Wender Presses Inc.

GRINDING MACHINES, JIG

Fosdick Machine Tool Co., The
Moore Special Tool Co. Inc.
Speed Line Div., Diamond Die & Mold

GRINDING MACHINES, OPTICAL CONTOUR

Bachmann Co. Inc., Eric R.
Bausch & Lomb Optical Co.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Cleveland Tool & Die Co.
Erinac Equip. Corp.
Frauenthal Div., The Kaydon Engrg. Corp.
Jones & Lamson Machine Co.
Micromatic Hone Corp.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Stocker & Yale Inc.

GRINDING MACHINES, PROFILE

Amer. Schies Corp.
Bachmann Co. Inc., Eric R.
Boice-Crane Co.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.

Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Cleveland Tool & Die Co.
Columbia International Corp.
Cosa Corp.
Erinac Equip. Corp.
Ex-Cell-O Corp., Detroit
Frauenthal Div., The Kaydon Engrg. Corp.
International Machine & Tool Corp.
Kindt-Collins Co.
Lapointe Machine Co.
Mattison Machine Works
Orban Co. Inc., Kurt
Parker-Hartford Corp., The
Rice Pump & Machine Co.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Springfield Machine Tool Co.
Thompson Grinder Co., The

GRINDING MACHINES, RECIPROCATING SURFACE

Bentley Industrial Corp.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Columbia International Corp.
Cosa Corp.
Covel Mfg. Co.
Delta Power Tool Div.
Rockwell Mfg. Co.
DoAll Co. The
Eastown Tool & Engrg. Co.
Engis Equip. Co.
Erinac Equip. Corp.
Foote-Burt Co., The
Frauenthal Div., The Kaydon Engrg. Corp.
Gallmeyer & Livingston Co.
Gardner Machine Co.
Harig Mfg. Corp.
Harvey Mfg. Corp., Subsidiary
Germanow-Simon Machine Co.
Harvey Mfg. Corp.
Hermes Machine Tool Co. Inc.
Hill Acme Co., The
Homstrand Machine Tool Corp.
International Machine & Tool Corp.
Landis Tool Co.
Lapointe Machine Co.
Lee Co., K. O.
Mahar Gage Co. Inc.
Mattison Machine Works
Micromatic Hone Corp.
Morton Mfg. Co.
Norton Co., Machine Div.
Orban Co. Inc., Kurt
Parker-Majestic Inc.
Precision Processing Co.
S & S Machinery Co.
Sanford Mfg. Corp.
Sigma Machinery Inc.
Taft-Peirce Mfg. Co., The
Thompson Grinder Co., The
Wender Presses Inc.

GRINDING MACHINES, ROLL

Cincinnati Milling & Grinding Machines Inc.

GRINDING MACHINES, ROTARY SURFACE

Besly-Welles Corp., Machine Tools & Abrasives
Blanchard Machine Co., The
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Frauenthal Div., The Kaydon Engrg. Corp.
Gardner Machine Co.
Heald Machine Co., The
Industrial Tool Service
International Machine & Tool Corp.
Lapointe Machine Co.
Mattison Machine Works
Orban Co. Inc., Kurt
Parker-Majestic Inc.
S & S Machinery Co.
Sigma Machinery Inc.

PRODUCTS

GRINDING MACHINES, ROTARY SURFACE (cont.)

Sundstrand Machine Tool, Div. Sundstrand Corp.
Taft-Peirce Mfg. Co., The
Thompson Grinder Co., The

GRINDING MACHINES, SAW

Hamco Machines Inc.
Hanchett Mfg. Co.
Klingelhof Machine Tool Corp., Albert
Lapointe Machine Co.
Max Mfg. Co.
Motch & Merryweather Machinery Co., The
Nicholas Equip. Co.
S & S Machinery Co.
Thompson Grinder Co., The

GRINDING MACHINES, SWING FRAME & RADIAL

Grinding & Polishing Machinery
Lapointe Machine Co.
Ryman Engrg. Co.
S & S Machinery Co.
U. S. Electrical Tool Co.
Van Norman Machine Co., Dv.
Van Norman Industries Inc.

GRINDING MACHINES, THREAD

Austin Industrial Corp.
Cosa Corp.
Dalzen Mfg. Co.
Ex-Cell-O Corp., Detroit
Jones & Lamson Machine Co.
Landis Machine Co.
Lapointe Machine Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

GRINDING MACHINES, TOOL & CUTTER

Alina Corp.
Amer. Bechler Corp.
Anocut Engrg. Co.
Antares Instruments Inc., Subsidiary
A. F. Wilkens, Inc.,
Bachmann Co. Inc., Eric R.
Bentley Industrial Corp.
Blount Co., J. G., Subsidiary
Bowl-Mor Co. Inc.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Cosa Corp.
Covel Mfg. Co.
Crosby Machine Tool Co.
Delta Power Tool Div., Rockwell Mfg. Co.
Devlieg Machine Co.
Diamond Tool Co.
Ex-Cell-O Corp., Detroit
Gallmeyer & Livingston Co.
Glenbard Tool Mfrs. Inc.
Glendale Machine Works
Hanchett Mfg. Co.
Hartex Div., Union Twist Drill Co.
Industrial Tool Service
Ingersoll Milling Machine Co.
Landis Tool Co.
Lapointe Machine Co.
Lee Co., K. O.
Loeffel Co. Inc., The Arthur
Marcoloy Inc.
McDonough Mfg. Co.
Micromatic Hone Corp.
New Hermes Engraving Machine
Norton Co., Machine Div.
Oliver Machinery Co.
Orban Co. Inc., Kurt
Pratt & Whitney Co. Inc.
Rockwell Mfg. Co.
Royal Oak Tool & Machine Co., Grinder Div.
Russell, Holbrook & Henderson
S & S Machinery Co.
Schauer Mfg. Corp.
Sigma Machinery Inc.
South Bend Lathe Inc.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

Wender Presses Inc.
Wickman Mfg. Co.

GRINDING MACHINES, UNIVERSAL

Alina Corp.
Assoc. Amer. Winding Machinery
Austin Industrial Corp.
Bachmann Co. Inc., Eric R.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Bryant Chucking Grinder Co.
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Columbia International Corp.
Cosa Corp.
Covel Mfg. Co.
Crystal Lake Grinders
Deakin & Son, J. A.
Delta Power Tool Div., Rockwell Mfg. Co.
Frauenthal Div., The Kaydon Engrg. Corp.
Gorton Machine Co., George
Hammond Machinery Builders
Hanchett Mfg. Co.
Heald Machine Co., The
Jones & Lamson Machine Co.
Landis Tool Co., (Cylindrical Grinders)
Lapointe Machine Co.
Lee Co., K. O.
M. B. I. Export & Import Ltd.
McDonough Mfg. Co.
Micromatic Hone Corp.
Nicholas Equip. Co.
Norton Co., Machine Div.
Olivetti Corp. of Amer., Machine Tool Div.
Orban Co. Inc., Kurt
Parker-Majestic Inc.
Rivett Lathe & Grinder Inc.
Rockwell Mfg. Co.
Royal Oak Tool & Machine Co., Grinder Div.
Russell, Holbrook & Henderson
S & S Machinery Co.
Sigma Machinery Inc.
Springfield Machine Tool Co.
Wender Presses Inc.
Wickmann Mfg. Co.

GRINDING MACHINES, VERTICAL CHUCKING

Bullard Co., The
M & M Tool & Mfg. Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Springfield Machine Tool Co.

GRINDING WHEEL DRESSERS

Abrasive Dressing Tool Co.
Amer. Diamond Tool & Gauge
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Crafts Co. Inc., Arthur A.
Deakin & Son, J. A.
Diamond Productions Inc.
Diamond Tool Co.
Diamond Tool Research Co., Inc.
Di-Tru Diamond Tool Co.
Ex-Cell-O Corp., Detroit
Form-All Mfg. Co.
Frauenthal Div., The Kaydon Engrg. Corp.
H B Tool
Hanchett Mfg. Co.
International Abrasive Corp.
International Machine & Tool Corp.
J & S Tool Co. Inc.
Jarvis Corp.
Jerpak Bayless Co.
Jones & Lamson Machine Co.
Koebel Diamond Tool Co.
Landau, Herbert H.
Last Word Sales Co.
Lee Co., K. O.
Magic City Machine & Tool Co.
McGonegal Mfg. Co., The
Montgomery & Co. Inc.
Moore Special Tool Co. Inc.
Newman Tool Die & Machine, L.
Norton Co., Abrasive Div.
Precision Diamond Tool Co.
Precision Truing Tool & Mfg. Co. Inc., The

Rogers & Co. Inc., Samuel C.
Ross Mfg. Co.
Rothfuss Tool Co.
Simonds Abrasive Co.
Snap-On Tools Corp.
Standard Diamond Tool Corp.
Steptool Corp.
Thompson Mfg. Co., Earl A.
U. S. Electrical Tool Co.
Wheel Dressing Inc.
Willey's Carbide Tool Co.

GRINDING WHEEL DRESSING & FORMING TOOLS

Abrasive Dressing Tool Co.
Amer. Coldset Corp.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Diamond Productions Inc.
Diamond Products Inc.
Diamond Tool Research Co. Inc.
Di-Tru Diamond Tool Co.
Form-All Mfg. Co.
H B Tools
International Abrasive Corp.
International Machine & Tool Corp.
Koebel Diamond Tool Co.
Landau, Herbert H.
Norton Co., Abrasive Div.
Pratt & Whitney Co. Inc.
Precision Diamond Tool Co.
Ross Mfg. Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

GRINDING WHEELS, DIAMOND

A. I. T. Diamond Tool Co.
Abrasive Dressing Tool Co.
Ace Abrasive Lab. Inc.
Action Diamond Tool Co.
Amer. Coldset Corp.
Ashcomb Co.
B. S. A. Tools Ltd.
Bay State Abrasive Products Co.
Blanchard Diamond Div., Harmon Machine Co. Inc.
Brown Diamond Inc.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Carborundum Co., The
Cincinnati Milling & Grinding Machines Inc.
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Dayton Carbide Tool Co. Inc.
Delta Diamond Wheel Corp.
Diacraft Inc.
Diamond Productions Inc.
Diamond Tool Co.
Diamond Tool Research Co. Inc.
Diamond Wheel Industries Inc.
Di-Tru Diamond Tool Co.
Elgin National Watch Co., Abrasives Div.
Felker Mfg. CO.
Fish-Schurman Corp.
General Industrial Diamond Co. Inc.
International Abrasive Corp.
Kenna Diamond Wheel Corp.
Koebel Diamond Tool Co.
Kuzmick Co., The Paul
Landau, Herbert H.
Loeffel Co. Inc., The Arthur
Mohawk File & Tool Co.
National Diamond Lab. Inc.
National Diochemical Co.
Navan Products Inc.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Nesen Diamond Tool Corp.
Neuber Industrial Diamond Co.
Norton Co., Abrasive Div.
Parsons Diamond Products Inc.
Penn Scientific Products Inc.
Precision Diamond Tool Co.
Raybestos-Manhattan Inc., Manhattan Rubber Div.
Simonds Abrasive Co.
Smit & Co. Inc., Anton
Standard Diamond Tool Corp.
Walton Co., R. J.
Wickman Mfg. Co.

GRINDING WHEELS, FORM

Glebar Co. Inc.

GRINDING WHEELS, GENERAL

Amer. Emery Wheel Works

Bay State Abrasive Products Co.
Boyar-Schultz Corp.
Carborundum Co., The
Cincinnati Milling & Grinding Machines Inc.
Colonial Abrasive Products Co.
Cortland Grinding Wheels Corp.
Deakin & Son, J. A.
Electro Refractories & Abrasives Corp.
Fuller Merriam Co., The
Gardner Machine Co.
Hamco Machines Inc.
Hanson Co.
Hoe & Co. Inc., R.
Industrial Tool Service
International Abrasive Corp.
Kuzmick Co., The Paul
Macklin Co.
Metal Removal Co., The
Millers Falls Co.
Mohawk File & Tool Co.
Norton Co., Abrasive Div.
Pacific Grinding Wheel Co.
Pekay Abrasives Inc.
Penninsular Grinding Wheel Co.
Precision Grinding Wheel Co. Inc.
Raybestos-Manhattan Inc., Manhattan Rubber Div.
Robertson Mfg. Co.
Simonds Abrasive Co.
Snap-On Tools Corp.
Sterling Grinding Wheel Co.
Vitrified Wheel Co.

GRINDING WHEELS, RESILIENT RUBBER

Amer. Emery Wheel Works
Amer. Instrument Co. Inc.
Bay State Abrasive Products Co.
Brightboy Industrial Div., Weldon Roberts Rubber Co.
Carborundum Co., The
Cincinnati Milling & Grinding Machines Inc.
Crate Mfg. Co. Inc.
Foredom Electric Co. Inc.
Hanson Co.
Metal Removal Co., The
Mohawk File & Tool Co.
Norton Co., Abrasive Div.
Nu-Matic Grinders Inc.
Pekay Abrasives Inc.
Raybestos-Manhattan Inc., Manhattan Rubber Div.

GRINDING WHEELS, SPECIAL

Jerpak-Bayless Co.

GROOVING TOOLS

Abrasive Dressing Tool Co.
Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
Bokum Tool Co. Inc., Carbide Tool Co.
Crafts Co. Inc., Arthur A.
Criterion Machine Works
Crobalt Inc.
Falcon Tool Co.
Forrest Mfg. Co. Inc.
Glenbard Tool Mfrs. Inc.
Gorham Tool Co.
Hunt's Grinding & Mfg.
Hyper Tool Co.
Kennametal Inc.
Lehmann-Fulton Boring Tool Div., Fulton Iron Works
Fulton Iron Works
Lund Mfg. Co.
Marcoloy Inc.
Maxwell Industries Inc.
Neise, Karl A.
Niagara Cutter Div., Bollier-Damerell Inc.
Niagara Machine & Tool Works
Nobur Mfg. Co.
Plew Tool Corp.
Scully-Jones & Co.
Waldes Kohinoor Inc.
U. S. Carbide Tool Inc.
Vascoloy-Ramet Corp.
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.

GUARDS, SAFETY

Clark Controller Co., The
Cooper Weymouth Inc.
D & M Guard Co.

Durant Tool Co.
General Automation Corp.
General Hardware Mfg. Co. Inc.
Hoeltge Bros. Inc.
Humm Safety Equip. Corp., John
Junkin Safety Appliance Co.
Kirk & Blum Mfg. Co., The
Littleford Brothers Inc.
Morrison Products Inc.
Positive Safety Mfg. Co.
Presin Co.
Searjeant Metal Products
Shur-Safety Mfg. Co.
Standard Portable Cord Co.
U. S. Rubber Co.

GUIDE PINS

Acme Industrial Co.
Danly Machine Specialties Inc.
DeKalb Precision Industries
Detroit Mold Engrs. Co.
Die Set Div., Producto
Machine Co.
Richard Bros. Punch Div.,
Allied Products Corp.
Standard Die Set Co., Div.
Harsco Corp.
Twentieth Century Mfg. Co.
Union Mfg. Co.

GUIDES, BANDSAW

Paddock Tool Co.

GUIDES, STOCK

Danly Machine Specialties Inc.
Die Set Div., Producto
Machine Co.
Eldorado Tool & Mfg. Corp.
Vlier Engrg. Corp., Subsidiary
Barry Controls Inc.

GUN DRILLS (see Drills, Deep Hole and Gun)

GUN REAMERS

Acromatic Tool Co.
Butterfield Div., Union Twist
Drill Co.
Carbide Tool Co.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Craig Tools Inc.
Eldorado Tool & Mfg. Corp.
Glenhard Tool Mfrs. Inc.
Hyper Tool Co.
Madison-Faessler Tool Co.
Marcoloy Inc.
Medico Co., The
Metal Cutting Tools Inc.
National Twist Drill & Tool
Co.
Special Drill & Reamer Corp.
Standard Tool Co.
Star Cutter Co.
Twentieth Century Mfg. Co.
Wetmore Tool & Engrg. Co.

HACK SAW BLADES, POWER (see Blades, Saw, Hack)

HACK SAWS, POWER (see Saw Machines, Power Hack)

HAMMERS, PORTABLE ELECTRIC

Black & Decker Mfg. Co., The
Chicago Pneumatic Tool Co.
Ingersoll-Rand Co.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Modern Mfg. Co. Inc.
Porter-Cable Machine Co.
Rotor Tool Co., The
Skill Corp.
Syntron Co.
Thor Power Tool Co.
Wodack Electric Tool Corp.

HAMMERS, PORTABLE PNEUMATIC

Burklyn Co.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div. Reed
Holler Bit Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Jackson Fluid Power Co.

Lemert Engrg. Co. Inc.
Master Power Corp., Black &
Decker Subsidiary
Modern Mfg. Co. Inc.
Neilsen Inc., E. V.
Precision Detroit Co.
Rotor Tool Co., The
Skill Corp.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.

HAMMERS, RIVETING

(see Riveting Machines, Hammer
Type)

HAMMERS, SCALING, PORTABLE AIR (see Scaling Hammers, Portable Air)

HANDLERS, DIES

Acme-Danneman Co. Inc.
Baker Industrial Trucks,
Div. Otis Elevator Co.
Bliss Co., E. W.
Butterfield Div., Union
Twist Drill Co.
H B Tools
Hamilton Tool Co., The
Hansford Mfg. Corp.
Montgomery & Co. Inc.
Moore Special Tool Co. Inc.
Producto Machine Co.
Raymond Corp., The
Revolutor Co.

HAND TOOLS, MECHANIC'S

Armstrong Bros. Tool Co.
Billings & Spencer Co., The
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Capewell Mfg. Co., The
Chicago Pneumatic Tool Co.
Cincinnati Tool Co., The
Continental Screw Co.
Custante Corp.
Duro Metal Products Co.
General Hardware Mfg. Co. Inc.
Hanover Tool Co. Inc.
Hartwyk Mfg. Co.
Hunter Tools
Hy-Pro Tool Co.
Jo-Line Tools Inc.
Lufkin Rule Co.
Magna Driver Corp.
Martindale Electric Co.
Millers Falls Co.
Nupla Mfg. Co., Div. New
Plastic Corp.
Porter Inc., H. K.
Proto Tool Co., Div. Pendleton
Tool Industries Inc.
Sid Tool Co. Inc.
Snap-On Tools Corp.
Starrett Co., The L. S.
Swiss Precision Tool Co.
Whitney Mfg. Co., W. A.
Williams & Co., J. H.

HAND WHEELS

Acme-Danneman Co. Inc.
Balcrank Inc., Machine
Tool Div.
Carr Lane Mfg. Co.
Harco Engrg.
Jergens Tool Specialty Co.
Lodding Inc.
Machine Products Corp.
Machine & Tool Accessories Co.
Monroe Engrg. Products Inc.
Reid Tool Supply Co.
Siewek Tool Co.
Tomco Inc.
Universal Engrg. Co.

HARDENING COMPOUNDS, STEEL

All-State Welding Alloys Co.
Inc.
Eutectic Welding Alloys Corp.
Houghton & Co., E. F.
Kaesit Co.

HARDENING FURNACES (see Furnaces, Heat-Treating)

HARDENING MACHINES,
ELECTRICAL RESISTANCE
Agnew Machine Co.
Hevi-Duty Electric Co. Div.
Basic Products Corp.

HARDENING MACHINES, FLAME

Air Reduction Sales Co.
Cincinnati Milling & Grinding
Machines Inc.
Gleason Works
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Linde Co., Div. Union
Carbide Corp.
Selas Corp. of America
Youngberg Brothers

HARDENING MACHINES, INDUCTION

Ajax Magnethermic Corp.
Allis-Chalmers Mfg. Co.
Cincinnati Milling & Grinding
Machines Inc.
General Electric Co., Apparatus
Sales Div.
Girard Assoc.
Induction Heating Corp.
Norton Co., Gould & Eberhardt
Div.
Orban Co. Inc., Kurt
Tocco Div., Ohio Crankshaft
Co.
Westinghouse Electric Corp.
Industrial Electronics Dept.

HARDNESS-TESTING MACHINES (see Testing Machines)

HEADERS, COLD

Apex Broach Co. Inc.
Behr Machinery & Equip. Corp.
Columbia International Corp.
Future Products Tool Corp.
Girard Assoc.
Marathon Special Steels Inc.
National Machinery Co.
Rem Sales Inc., Subsidiary
R. E. Morris Co.
Royal Oak Tool & Machine Co.,
Grinder Div.
S & S Machinery Co.
Waterbury Farrel Foundry &
Machine Div., Textron Inc.
Wender Presses Inc.

HEADERS, HOT

Apex Broach Co. Inc.
Girard Assoc.
Jersey Mfg. Co.
National Machinery Co.
S & S Machinery Co.
Waterbury Farrel Foundry &
Machine Div., Textron Inc.
Wender Presses Inc.

HEADS, DIE (see Die Heads)

HEADS, MILLING (see Milling Heads)

HEADS, TAPPING (see Tapping Heads)

HEADS, TREPPANNING (see Trepanning Heads)

HEAT EXCHANGERS

Lundholm Mfg. Co., Platecoil
Div.

HEAT GUNS, ELECTRIC

Johnson Gas Appliance Co.
Kaesit Co.
Lindberg Engrg. Co.
Mamco Corp.
Sta-Warm Electric Co.
U. S. Electrical Tool Co.

HEAT TREATING EQUIPMENT (see Furnaces)

HEAT TREATING FURNACES (see Furnaces, Heat-Treating)

HEATERS, ELECTRONIC (see High-Frequency Heaters)

HEATING ELEMENTS

Amer. Instrument Co. Inc.
Blue M Electric Co.
Carborundum Co., The
Cooley Electric Mfg. Corp.

General Electric Co.,
Apparatus Sales Div.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Norton Co., Refractories Div.
Platecoil Div., Tranter Mfg. Inc.

HEATING & PLUMBING EQUIPMENT

Bridgeport Brass Co.
Buffalo Forge Co.
Hones Inc., Charles A.
Mueller Brass Co.
Watts Regulator Co.
Weldit Inc.
Westinghouse Electric Corp.

HEATING & VENTILATING CONTROL & ACCESSORIES

Bristol Co., The
Buffalo Forge Co.
General Controls Co.
General Electric Co., Apparatus
Sales Div.
Hones Inc., Charles A.
Westinghouse Electric Corp.

HIGH-FREQUENCY HEATERS

Ajax Magnethermic Corp.
Allis-Chalmers Mfg. Co.
Induction Heating Corp.
Lindberg Engrg. Co.
Tocco Div., Ohio Crankshaft Co.
Westinghouse Electric Corp.,
Industrial Electronics Dept.

HOB-MEASURING MACHINES

Ercona Corp.
Ill. Tool Works, Machine &
Instrument Div.
Opto-Metric Tools Inc.
Orban Co. Inc., Kurt
S & S Machinery Co.
Scherr-Tumico Co.

HOBGING MACHINES, GEAR (see Gear Hobbing Machines)

HOBGING MACHINES, SPLINE (see Spline Hobbing Machines)

HOBBS, GEAR

Alina Corp.
B. S. A. Tools Ltd.
Bachmann Co. Inc., Eric R.
Barber-Colman Co. (Hobbing
Machines & Cutting Tools)
Brown Co., R. F.
Butterfield Div., Union Twist
Drill Co.
Carney-Stansfield Co.
Falcon Machine & Tool Co. Inc.
Fellows Gear Shaper Co.
Ill. Tool Works, Machine &
Instrument Div.
National Tool Co.
National Twist Drill & Tool Co.
Orban Co. Inc., Kurt
Russell, Holbrook & Henderson
Inc.
Standard Tool Co.
Star Cutter Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOBBS, GENERAL

B. S. A. Tools Ltd.
Barber-Colman Co. (Hobbing
Machines & Cutting Tools)
Brown Co., R. F.
Butterfield Div., Union Twist
Drill Co.
Carney-Stansfield Co.
Falcon Machine & Tool Co. Inc.
Ill. Tool Works, Machine &
Instrument Div.
National Tool Co.
National Twist Drill & Tool Co.
Orban Co. Inc., Kurt
Payne Tool & Engrg. Co., The
Star Cutter Co.
Tietzmann Tool Corp.
Union Twist Drill Co.
Wright-Gregg & Sons, G.

HOBBS, SERRATION

Barber-Colman Co. (Hobbing
Machines & Cutting Tools)

PRODUCTS

HOBS, SERRATION (cont.)

Brown Co., R. F.
Butterfield Div., Union Twist Drill Co.
Carney-Stansfield Co.
Falcon Machine & Tool Co. Inc.
Falcon Tool Co.
Ill. Tool Works, Machine & Instrument Div.
Jerpak Bayless Co.
National Tool Co.
National Twist Drill & Tool Co.
Orban Co. Inc., Kurt
Russell, Holbrook & Henderson Inc.
Star Cutter Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOBS, SPLINE

B. S. A. Tools Ltd.
Barber-Colman Co. (Hobbing Machines & Cutting Tools)
Brown Co., R. F.
Butterfield Div., Union Twist Drill Co.
Carney-Stansfield Co.
Falcon Machine & Tool Co. Inc.
Ill. Tool Works, Machine & Instrument Div.
National Tool Co.
National Twist Drill & Tool Co.
Orban Co. Inc., Kurt
Star Cutter Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOBS, SPROCKET

Barber-Colman Co. (Hobbing Machines & Cutting Tools)
Butterfield Div., Union Twist Drill Co.
Carney-Stansfield Co.
Falcon Machine & Tool Co. Inc.
Fellows Gear Shaper Co.
Ill. Tool Works, Machine & Instrument Div.
National Tool Co.
National Twist Drill & Tool Co.
Orban Co. Inc., Kurt
Star Cutter Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOBS, THREAD

Barber-Colman Co. (Hobbing Machines & Cutting Tools)
Brown Co., R. F.
Butterfield Div., Union Twist Drill Co.
Carney-Stansfield Co.
Chaso Tool Co. Inc.
Dalzen Mfg. Co.
Detroit Tap & Tool Co.
Everard Tap & Die Corp.
Falcon Tool Co.
Goddard & Goddard Co.
Ill. Tool Works, Machine & Instrument Div.
Jerpak Bayless Co.
National Tool Co.
National Twist Drill & Tool Co.
Orban Co. Inc., Kurt
Royco Tap & Tool Corp.
Star Cutter Co.
Sykes Machine & Gear Corp.
Union Twist Drill Co.

HOISTS

Amer. Chain & Cable Co. Inc., Wright Hoist Div.
Chicago Pneumatic Tool Co.
Chicago Tramrail Corp.
Chisholm-Moore Hoist, Div.
Columbus McKinnon
Cleveland Crane & Engrg., Cleveland Tramrail Div.
Coffing Hoist Div., Duff-Norton Co.
Grand Specialties Co.
Harnishfeger Corp.
Ind. Gear Works Inc.
Ingersoll-Rand Co.
Lake Shore Inc.
LeTourneau Inc., R. G.
Manning Maxwell & Moore, Inc.
Shaw-Box Crane & Hoist Div.
Montgomery & Co. Inc.
National Screw & Mfg. Co.

Reading Crane & Hoist Corp.
Robbins & Myers Inc., Motor Div.
Ryerson & Son Inc., Jos. T.
Steel Products Engrg. Co., Div.
Kelsey-Hayes Co.
Webb Co., Jervis B.
Western Gear Corp.
Yale & Towne Mfg. Co., The
Yale Materials Handling Div.

HOISTS, AIR

Aro Equip. Corp., The
Chicago Pneumatic Tool Co.
Coffing Hoist Div., Duff-Norton Co.
Curtis Mfg. Co., Pneumatic Div.
Galland-Henning Mfg. Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Manning Maxwell & Moore Inc.
Shaw-Box Crane & Hoist Div.
Thor Power Tool Co.
Western Gear Corp.
Yale & Towne Mfg. Co., The
Yale Materials Handling Div.

HOISTS, CHAIN

Amer. Chain & Cable Co. Inc., Wright Hoist Div.
Chicago Pneumatic Tool Co.
Chisholm-Moore Hoist, Div.
Columbus McKinnon
Cleveland Crane & Engrg. Co., The
Cleveland Crane & Engrg. Co., Cleveland Tramrail Div.
Coffing Hoist Div., Duff-Norton Co.
Grand Specialties Co.
Harnishfeger Corp.
Manning Maxwell & Moore Inc., Shaw-Box Crane & Hoist Div.
Mitchell Specialty Div., Industrial Enterprises Inc.
National Screw & Mfg. Co.
Reading Crane & Hoist Corp.
Robbins & Myers Inc., Motor Div.
Ryerson & Son Inc., Joseph T.
Webb Co., Jervis B.
Yale & Towne Mfg. Co., The
Yale Materials Handling Div.

HOLDERS, DIE THREADING

Brown & Sharpe Mfg. Co., Industrial Products Div.
Hjorth Lathe & Tool Co.
Jones & Lamson Machine Co.
Landis Machine Co.
Sid Tool Co. Inc.

HOLDERS, DRILL

Acromatic Tool Co.
Amer. Cam Co. Inc.
Amer. Twist Drill
Armstrong Bros. Tool Co.
B & W Precision Products Co.
Beaver Tool & Engrg. Corp.
Boyer-Schultz Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chi-Co. Inc.
Chicago Pneumatic Tool Co.
Cincinnati Tool Co., The
Eastern Machine Screw Corp.
Gairing Tool Co.
General Hardware Mfg. Co. Inc.
Hawkeye Specialty Co.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Ritmar Corp.
Royer Tools
Scully-Jones & Co.
Seibert & Sons Inc.
Sid Tool Co. Inc.
Snap-On Tools Corp.
Special Drill & Reamer Corp.
Universal Engrg. Co.

HOLDERS, FLOATING (see Toolholders, Floating)

HOLE SAWS

Amer. Saw & Mfg. Co.
Anderson Corp.
Armstrong-Blum Mfg. Co.
Black & Decker Mfg. Co., The
Capewell Mfg. Co., The
Millers Falls Co.

Misener Mfg. Co. Inc.
Ryerson & Son Inc., Joseph T.
Skill Corp.
Snap-On Tools Corp.
Starrett Co., The L. S.
Thomson & Son, Henry G.
Thor Power Tool Co.

HOLLOW MILLS, ALL TYPES

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Chicago-Latrobe
Clark Co., Robert H.
Coffey-Cummins Mfg. Co.
Craig Tools Inc.
Dawson Tool Co.
Gairing Tool Co.
Genesee Mfg. Co.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Lovejoy Tool Co. Inc.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Tool Co.
O. K. Tool Co. Inc., The
Plew Tool Corp.
Reltool Corp.
Schrillo Aero Tool Engrg. Co.
Sid Tool Co. Inc.
Wirth & Son Inc., Carl

HONES

Barnes Drill Co.
Carborundum Co., The
Electro Refractories & Abrasives Corp.
Hanson Co.
Hole Engrg. Service
Keystone Reamer & Tool Co.
Lovejoy Tool Co. Inc.
Micromatic Hone Corp.
National Broach & Machine Co.
Norton Co., Abrasive Div.
Pekay Abrasives Inc.
Staple Engrg. Co. Inc.

HONES, DIAMOND

A. I. T. Diamond Tool Co.
Abrasive Dressing Tool Co.
Ace Abrasive Labs. Inc.
Carborundum Co., The
Clipper Diamond Tool Co. Inc.
Crafts Co. Inc., Arthur A.
Dayton Carbide Tool Co. Inc.
Delta Diamond Wheel Corp.
Diacraft Inc.
Diamond Tool Research Co. Inc.
Diamond Wheel Industries Inc.
Elgin National Watch Co., Abrasives Div.
Fish-Schurman Corp.
Gilmore & Co. Inc., F. F.
Koebel Diamond Tool Co.
Kuznick Co., The Paul
National Diamond Lab. Inc.
Norton Co., Abrasive Div.
Precision Products Corp.
Precision Diamond Tool Co.
Simonds Abrasive Co.
Smit & Co. Inc., Anton
Standard Diamond Tool Corp.
Staple Engrg. Co. Inc.
Super-Cut Industries,
Golconda Corp.

HONEYCOMB CUTTERS

Onsrud Cutter Mfg. Co., The

HONING & LAPPING MACHINES, COMBINATION

Diamond Tool Co.
Engis Equip. Co.
Felker Mfg. Co.
Fulmer Co., C. Allen
Olofsson Corp., The
Rice Pump & Machine Co.
S & S Machinery Co.

HONING MACHINES, EXTERNAL

Assoc. Machine Tool Corp.

Barnes Drill Co.
Gisholt Machine Co.
Micromatic Hone Corp.
S & S Machinery Co.
Staple Engrg. Co. Inc.
Sunnens Products Co.
Taft-Peirce Mfg. Co., The

HONING MACHINES, INTERNAL

Assoc. Machine Tool Corp.
Barnes Drill Co.
Barnes Co., W. F. & John
Evans Reamer & Machine Co.
Fulmer Co., C. Allen
Gisholt Machine Co.
Jes Cal Co.
Micromatic Hone Corp.
Moline Tool Co.
National Automatic Tool Co. Inc.
S & S Machinery Co.
Staple Engrg. Co. Inc.
Sunnens Products Co.

HONING MACHINES, PLANE

Micromatic Hone Corp.
S & S Machinery Co.

HONING STONES

Barnes Drill Co.
Carborundum Co., The
Cratex Mfg. Co. Inc.
Fulmer Co., C. Allen
Lovejoy Tool Co. Inc.
Micromatic Hone Corp.
Norton Co., Abrasive Div.
Staple Engrg. Co. Inc.
Taft-Peirce Mfg. Co., The

HONING TOOLS

Barnes Drill Co.
Fulmer Co., Allen C.
Hole Engrg. Service
Jes-Cal Co.
Micromatic Hone Corp.
National Broach & Machine Co.
Staple Engrg. Co. Inc.
Sunnens Products Co.

HOPPER FEEDS

Automation Devices Inc.
Black & Webster Inc.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Burklyn Co.
Campbell Machines Co.
Clark Industries
Defiance Machine & Tool Co.
Detroit Power Screwdriver Co.
Dixon Automatic Tool Inc.
Emhart Mfg. Co., Hudson Div.
Feedall Inc.
Gray Equip. Co.
KDI Corp.
Kenhos Corp. Div.
Pecoco Div., Automation Devices Inc.
Production Feeder Corp.
RCA Industrial & Machine Tool Operations
Synthron Co.
U. S. Engrg. Co.
USI Robodyne Div., U. S. Industries Inc.
Universal-Automatic Corp.
VFC Div., Automation Devices Inc.
Waterbury Farrel Foundry & Machine Co., The, Div.
Tetron Inc.

HOSE CLAMPS

Garrett Co. Inc., Geo. K.

HOSE COUPLINGS

Aeroquip Corp.
Aiemite Div., Stewart-Warner Corp.
Chicago Pneumatic Tool Co.
Clementina Ltd.
Couse & Bolten Co.
Flexonics Corp.
Hansen Mfg. Co., The
Hawitt-Rubins
Janney Cylinder Co.
Parker Fittings & Hose Div., Parker-Hannifin Corp.
Polymer Corp., The
Schrader's Son, A., Div.
Scovill Mfg. Co. Inc.
Superior Pneumatic & Mfg. Inc.

Weatherhead Co., The Fort Wayne Div.
Winzler Stamping Co.

HOSE, HYDRAULIC

Aeroquip Corp.
Alomite Div., Stewart-Warner Corp.
Amer. Brass Co., The Chicago Pneumatic Tool Co.
Couse & Bolton Co.
Fauver Co. Inc., J. N.
Flexonics Corp.
Gates Rubber Co., The Goodrich Industrial Products, B. F. Div. B. F. Goodrich Co.
Hewitt-Robins
Newage Industries Inc.
Newton Hydraulic Tooling Co.
Parker Fittings & Hose Div., Parker-Hannifin Corp.
Polymer Corp., The Raybestos-Manhattan Inc.
Manhattan Rubber Div.
Resistoflex Corp.
Thermoid Div., Porter Co. Inc., H. K.
Weatherhead Co., The Fort Wayne Div.

HOSE, RUBBER

Aeroquip Corp.
Alomite Div., Stewart Warner Corp.
Couse & Bolton Co.
DeVillbiss Co., The Flexible Tubing Corp.
Flexonics Corp.
Gates Rubber Co., The Goodrich Industrial Products B. F. Div. B. F. Goodrich Co.
Hewitt-Robins
Korfund Co., The Neilsen Inc., E. V.
Raybestos-Manhattan Inc., Manhattan Rubber Div.
Resistoflex Corp.
Schrader's Son, A. Div.
Schovill Mfg. Co. Inc.
Superior Pneumatic & Mfg. Inc.
Thermoid Div., Porter Co. Inc., H. K.
Weatherhead Co., The Fort Wayne Div.

HOSE & TUBING, FLEXIBLE METAL

Amer. Brass Co., The Bridgeport Brass Co.
Couse & Bolton Co.
Flexonics Corp.
Hewitt-Robins
Korfund Co., The Perfecting Service Co.
Universal Metal Hose Co.

HYDRAULIC ACTUATORS, ROTARY (see Actuators, Hydraulic, Rotary)

HYDRAULIC AIR COMBINATION DEVICES

Alkon Products Corp.
Beckett-Harcum Co.
Bellows-Valvair, Div. of IBEC
Bristol Co., The
Burklyn Co.
Carter Controls, Inc.
Chicago Pneumatic Tool Co.
Cimco Engrg. Co.
City Tool Corp.
Denison Engrg. Div. Amer. Brake Shoe Co.
Die-Draulic Grip Inc.
Electro-Mechano Co., The Gilman Inc., R. T.
Hannifin Co., Div. Parker-Hannifin Corp.
Heinrich Tools Inc.
H. E. P. Mfg. Co. Inc.
Lapeer Mfg. Co.
Leden Inc., Leden Mfg. Div.
Leslie Co.
Logansport Machine Co. Inc.
Lynair Inc.
M & N Modern Hydraulic Press Co. Inc.
Manco Mfg. Co.
Mead Specialties Co.
Merz Engrg. Inc.

Modernair Corp.
Galland-Henning Mfg. Co.
Oil-Dyne Inc.
Ortman-Miller Machine Co. Inc.
Petch Mfg. Co.
Porter Inc. H. K.
Production Devices Inc.
Rogers Hydraulic Inc.
S-P Mfg. Corp., The S & S Machinery Co.
Sargent Engrg. Corp.
Schrader's Son, A., Div.
Scovill Mfg. Co. Inc.
Sheffer Corp., The Studebaker Hydraulic Products Co.
Thor Power Tool Co.

HYDRAULIC CYLINDERS (see Cylinders, Hydraulic)

HYDRAULIC DEVICES, SPECIAL

A & C Engrg. Co. Inc.
Acme Industrial Co.
Actuator Products, Geartronics Corp. Div.
Agnew Machine Co.
Airmatic Valve Inc.
Ames Spot Welder Co. Inc.
Baldwin-Lima-Hamilton Corp.
Barnes Corp., John S.
Beckett-Harcum Co.
Bristol Co., The Brown & Sharpe Mfg. Co., Hydraulics Div.
Buckeye Tools Corp.
Carter Controls Inc.
Chicago Pneumatic Tool Co.
Cimco Engrg. Co.
City Tool Corp.
Defiance Machine & Tool Co.
Di-Dro Engrg. Co.
Die-Draulic Grip Inc.
Double A Products Co., Subsidiary Brown & Sharpe
Fauver Co. Inc., J. N.
Galland-Henning Mfg. Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
H. E. P. Mfg. Co. Inc.
Hypneumat Inc.
Ind. Gear Works Inc.
Kepner Products Co.
Lamb Co., F. Jos.
Logansport Machine Co. Inc.
M & N Modern Hydraulic Press Co. Inc.
Manco Mfg. Co.
Merz Engrg. Inc.
Oil-Dyne Inc.
Porter Inc., H. K.
Powergrip Inc.
Production Devices Inc.
Racine Hydraulics & Machinery
Rogers Hydraulic Inc.
Rossen Co., The Rotary Lift Co., Div. of Dover Corp.
S-P Mfg. Corp., The S & S Machinery Co.
Sargent Engrg. Corp.
Sheffer Corp., The Shell Oil Co.
Taylor Devices Inc.
Thompson Mfg. Co., Earl A.
Tracer Control Co.
Turchan Follower Machine Co.
Universal Instrument Corp.
Vulcan Tool Co.
Wales Strippit Inc., Unit Houdaille Industries Inc.

HYDRAULIC FLUIDS

Anderson Oil & Chemical Co. Inc.
Atlantic Refining Co., The Bellows-Valvair, Div. of IBEC
Bel-Ray Co. Inc.
Continental Oil Co.
Cook's Sons, Inc., Adam
Denison Engrg. Div. Amer. Brake Shoe Co.
Esso Standard Div., Humble Oil & Refining Co.
Gulf Oil Corp.
Houghton Co., E. F.
Kerris Co., L. H.
Keystone Lubricating Co.
Mobil Oil Co.
National Refining Co. Div.
Ashland Oil & Refining Co.
Oil-Dyne Inc.

Pate Oil Co.
Penola Oil Co.
Rogers Hydraulic Inc.
Sanborn & Sons Inc., Henry E.
Sinclair Refining Co.
Specialty Products Co.
Standard Oil Co. of Calif.
Standard Oil Co. of Ind.
Sun Oil Co.
Texaco Inc.
Thermoid Div., H. K. Porter
White & Bagley Co., The

HYDRAULIC MOTORS (see Motors, Hydraulic)

HYDRAULIC POWER UNITS

Acme Industrial Co.
Agnew Machine Co.
Baldwin-Lima-Hamilton Corp.
Barnes Corp., John S.
Brown & Sharpe Mfg. Co., Hydraulics Div.
Chicago Pneumatic Tool Co.
Clearing Div., U. S. Ind. Inc.
Dake Corp.
Danly Machine Specialties Inc.
Denison Engrg., Amer. Brake Shoe Co.
Die-Draulic Grip Inc.
Double A Products Co., Subsidiary Brown & Sharpe
Elmes Engrg. Div.
Amer. Steel Foundries
Ex-Cell-O Corp., Detroit
General Mfg. & Engrg. Co.
General Tool Div., The General Fire Ext. Corp.
Hannifin Co., Div. Parker-Hannifin Corp.
Hoefler Mfg. Co.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lee Engrg. Co.
Link Engrg. Co.
Logansport Machine Co. Inc.
M & N Modern Hydraulic Press Co. Inc.
Manco Mfg. Co.
Oil-Dyne Inc.
Oligear Co., The
Porter Inc., H. K.
Racine Hydraulics & Machinery
Rivett Lathe & Grinder Inc.
Rogers Hydraulic Inc.
S-P Mfg. Corp., The Sargent Engrg. Corp.
Sheffer Corp., The Thompson Mfg. Co., Earl A.
Tracer Control Co.
True-Trace Corp.
Turchan Follower Machine Co.
Vickers Inc.
Walker Hydraulic Duplicator Co.
Whitney Mfg. Co., W. A.

HYDRAULIC PRESSES (see Presses)

HYDRAULIC PRESSURE TESTING MACHINES (see Testing Machines)

HYDRAULIC PUMPS

Adel Precision Products Div.
General Metals Corp.
Amer. Instrument Co., Inc.
Barnes Corp., John S.
Brown & Sharpe Mfg. Co., Hydraulics Div.
Champion Pneumatic Machinery Co.
Chicago Pneumatic Tool Co.
Commercial Shearing & Stamping
Denison Engrg. Div. Amer. Steel Foundries
DoAll Co., The Double A Products Co., Subsidiary Brown & Sharpe
Elmes Engrg. Div. Amer. Steel Foundries
Fairbanks Morse & Co.
Girard Assoc.
Greenlee Tool Co. Div.
Greenlee Brothers & Co.
Hydraulic Press Mfg. Co. Div.
Koehring Co.
Leden Inc., Leden Mfg. Div.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.

Manco Mfg. Co.
Newton Hydraulic Tooling Co.
Oil-Dyne Inc.
Oligear Co., The Parker Hydraulics Div., Parker-Hannifin Corp.
Porter Inc., H. K.
Racine Hydraulics & Machinery
Rogers Hydraulic Inc.
Sargent Engrg. Corp.
Sheffer Corp., The Thompson Mfg. Co., Earl A.
Tuthill Pump Co.
Vickers Inc.
Viking Pump Co.
Watson-Stillman Press Div., Farrel-Birmingham Co. Inc.
Weldon Tool Co., The Wilson Inc., K. R.
Worthington Corp.

HYGROMETRIC INSTRUMENTS & ACCESSORIES

Amer. Instrument Co. Inc.
Bristol Co., The Girard Assoc.

IMPACT TESTING MACHINES

Electro-Mation Assoc.
Testing Machines Inc.
Turner Bros. Inc.

IMPACT WRENCHES, PORTABLE ELECTRIC

Black & Decker Mfg. Co., The Chicago Pneumatic Tool Co.
Ingersoll-Rand Co.
Millers Falls Co.
Skill Corp.
Snap-On Tools Corp.
Thor Power Tool Co.

IMPACT WRENCHES, PORTABLE PNEUMATIC

Aro Equip. Corp., The Chicago Pneumatic Tool Co.
Cleo Air Tools, Div.
Reed Roller Bit Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Power Corp.
Black & Decker Subsidiary
Remington Arms Co. Inc.
Rogers Hydraulic Inc.
Snap-On Tools Corp.
Thor Power Tool Co.

INCLINABLE PRESSES (see Presses)

INDEXERS, CHUCK

Chicago Tool & Engrg. Co.
Cushman Chuck Co., The Dunham Tool Co. Inc., The Garrison Machine Works, Inc.
Hartford Special Machine Co.
Lapointe Machine Co.
Montgomery & Co. Inc.
Penniman Co., Elsie Smith & Son Inc., James

INDEXERS, LINEAR

Bellows-Valvair Div. of IBEC
Benerson Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cimco Engrg. Co.
Engle Equip. Co.
Expert Auto Machine Co.
Expert Welding Machine Co.
Gilman Inc., R. T.
Standard Tool & Mfg. Co.
Sylvania Lighting Products Equip. Development Plant
Thompson Mfg. Co., Earl A.
Warner & Wasey Co., The Control Instrument Div.

INDEXERS, ROTARY TABLE

AA Gage Co. Design Engrg. Div.
Agnew Machine Co.
Amer. Slip Corp.
Bachmann Co. Inc., Eric R.
Bellows-Valvair Div. of IBEC
Benchmark Mfg. Co.
Benerson Corp.
Black & Webster Inc.
Borel & Dunner

PRODUCTS

INDEXERS, ROTARY TABLE (cont.)

Brown & Sharpe Mfg. Co.
Machine Tool Div.
Carney-Stansfield Co.
Chicago Tool & Engrg. Co.
Cimco Engrg. Co.
Cincinnati Milling & Grinding
Machines Inc.
Cleveland Tapping Machine Co.
Cleveland Universal Jig Co.
Defiance Machine & Tool Co.
Drillunit Inc.
Engis Equip. Co.
Erickson Tool Co.
Etico Tool & Machine Co. Inc.
Expert Welding Machine Co.
Expert Auto Machine Co.
Federal Machine & Welder Co.
Ferguson Machine Corp.
Gray Equip. Co.
Hartford Special Machine Co.
Hole Engrg. Service
Inter-Lakes Engrg. Co.
International Machine & Tool
Corp.
Kellner Tool & Machine Co.
Kenhos Corp., Div.
Knight Machinery Co., W. B.
Lamb Co., F. Jos.
Loeffel Co. Inc. The Arthur
Machine Products Corp.
Mead Specialties Co.
Montgomery & Co. Inc.
Morton Mfg. Co.
Neise, Karl A.
Onsrud Machine Works Inc.
Opto-Metric Tools Inc.
Penniman Co., Elisha
Portage Machine Co.
Pratt & Whitney Co. Inc.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Sheppard, Stanley
Smith & Son, Inc., James
Special Machine & Engrg. Inc.
Standard Tool & Mfg. Co.
Sundstrand Machine Tool
Div. Sundstrand Corp.
Sundstrand-American Broach
Div. Sundstrand Corp.
Sylvania Lighting Products
Equip. Development Plant
Universal Vise & Tool Co.
Van Norman Machine Co. Div.
Van Norman Industries
Warner & Swasey Co., The
Control Instrument Div.
Wis. Drill Head Co.

INDEXING EQUIPMENT, OPTICAL

Amer. Slip Corp.
Columbia International Corp.
Davidson Optronics Inc.
Dunham Tool Co. Inc., The
Eisler Engrg. Co. Inc.
Engis Equip. Co.
Ill. Tool Works Machine &
Instrument Div.
International Machine & Tool
Corp.
Karniotis Precision Products Inc.
Machine Products Corp.
Opto-Metric Tools Inc.
Parker-Hartford Corp., The
S & S Machinery Co.
Scherr-Tumlico Co.
Swiss Precision Tool Co.

INDEXING FIXTURES, CHUCK (see Chucks, Indexing Fixture)

INDEXING FIXTURES, DIVIDING

AA Gage Co. Design Engrg. Div.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Carbide Tools Inc.
Cincinnati Milling & Grinding
Machines Inc.
Dunham Tool Co. Inc., The
Engis Equip. Co.
Hardinge Bros. Inc.
Hartford Special Machine Co.
Ill. Tool Works, Machine &
Industrial Div.
International Machine & Tool
Karniotis Precision Products Inc.
Love Brothers-Pyott
Machine Products Corp.

Montgomery & Co. Inc.
Multiplex Co.
Neise, Karl A.
Rocheleau Tool & Die Co. Inc.
Rouse & Co., H. B.
S & S Machinery Co.
Sheppard, Stanley
Smith & Son Inc., James
Turner Bros. Inc.
Universal Vise & Tool Co.
Van Norman Machine Co. Div.
Van Norman Industry Inc.
Waltham Machine Works Inc.

INDEXING INSPECTION DEVICES

AA Gage Co. Design Engrg.
Div.
Bachmann Co. Inc., Eric R.
Drillunit Inc.
Dunham Tool Co. Inc., The
Engis Equip. Co.
Hardinge Bros. Inc.
Ill. Tool Works, Machine &
Instrument Div.
International Machine & Tool
Corp.
Karniotis Precision Products Inc.
Livermores Engrg. Co.
M & M Tool & Mfg. Co.
Machine Products Corp.
Montgomery & Co. Inc.
Morris Machine Tool Co.
Opto-Metric Tools Inc.
Precision Detroit Co.
S & S Machinery Co.
Scherr-Tumlico Co.
Thompson Mfg. Co., Earl A.

INDEXING TABLES (see Tables, Indexing)

INDICATOR HOLDERS, MAGNETIC BASE

Alina Corp.
Ames Co., B. C.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Cullen Mfg. Co.
General Hardware Mfg. Co. Inc.
Lufkin Rule Co.
Montgomery & Co. Inc.
Mueller Gages Co.
Petz-Emery Inc.
Scherr-Tumlico Co.
Starrett Co., The L. S.
Superior Indicator Co.
Swiss Precision Tool Co.

INDICATOR POINTS, CARBIDE

Alina Corp.
Amer. Diamond Tool & Gauge Co.
Ames Co., B. C.
Bemax Import-Export Co.
Borel & Dunner
Crafts Co. Inc., Arthur A.
Dunham Tool Co. Inc., The
Eastern Tool Co. Inc.
Federal Products Corp.
Johansson Gage Co., C. E.
Lufkin Rule Co.
Mahr Gage Co. Inc.
Marathon Special Steels Inc.
Mohawk File & Tool Co.
Petz-Emery Inc.
Scherr-Tumlico Co.
Standard Gage Co. Inc.
Starrett Co., The L. S.
Superior Indicator Co.
Swedish Gage Co.
Swiss Precision Tool Co.
Valenite Metals Div., The
Valeron Corp.
Willey's Carbide Tool Co.

INDICATORS, SPEED

Actuator Products, Div.
Geartronics Corp.
Alina Corp.
Bristol Co., The
Chicago Pneumatic Tool Co.
Electro-Mation Assoc.
General Electric Co.
Apparatus Sales Div.
General Radio Co.
Jones Motrola Corp.
Kearfott Div. General
Precision Inc.
Lindberg Engrg. Co.
Mohawk File & Tool Co.
Montgomery & Co. Inc.

Rampe Mfg. Co.
Scherr-Tumlico Co.
Starrett Co., The L. S.
Swiss Precision Tool Co.
Westinghouse Electric Corp.

INDUCTION FURNACES (see Furnaces, Induction)

INDUCTION HARDENING MACHINES (see Hardening Machines, Induction)

INDUSTRIAL FASTENERS (see Fasteners, Industrial)

INJECTION MOLDING PRESSES (see Presses, Injection Molding)

INKS, MARKING

Markam Machine Co.
Pannier Corp., The

INSERT TOOLS (see Tools)

INSERTS, CARBIDE, 1½ INCH

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
American Cutter & Engrg. Corp.
Besly-Welles Corp., Cutting
Tools & Gages
Carbide Tool Co.
Crafts Co. Inc., Arthur A.
Dawson Carbide Industries,
Subsidiary Harrisville Tool Co.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Firth Sterling Inc.
Harrisville Tool Co.
Kennametal Inc.
Marcoloy Inc.
Metallurgical Products Dept.
General Electric Co.
Newcomer Products Inc.
Sandvik Steel Inc.
Spe-D-Cut Tool Co.
Tungsten Alloy Mfg. Co. Inc.
Unimet Carbides Div.
Valenite Metals Div.,
The Valeron Corp.
Vascoloy-Ramet Corp.
Walmet Corp.
Wendt-Sonls Co.
Willey's Carbide Tool Co.

INSERTS, CARBIDE, THROW- AWAY

Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
Amer. Cutter & Engrg. Corp.
Armstrong Bros. Tool Co.
Besly-Welles Corp., Cutting
Tools & Gages
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Carbide Tool Co.
Crafts Co. Inc., Arthur A.
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Carbide Industries,
Subsidiary Harrisville Tool Co.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div., DeVlieg
Machine Co.
DoAll Co., The
Firth Sterling Inc.
Harrisville Tool Co.
Kennametal Inc.
Lehmann-Fulton Boring Tool
Co., Div. Fulton Iron
Works Co.
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Marcoloy Inc.
Metallurgical Products Dept.,
General Electric Co.
Multi Metals Inc.
Neico Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Newcomer Products Inc.
Sandvik Steel Inc.
Shwayder Chemical Metallurgy
Corp.
Spe-D-Cut Tool Co.
Tungsten Alloy Mfg. Co. Inc.
Unimet Carbides Div.
United-Greenfield Corp.
Valenite Metals Div., The
Valeron Corp.

Vascoloy-Ramet Corp.
Viking Tool Co. Inc., The
Walmet Corp.
Wendt-Sonls Co.
Wesson Co.
Willey's Carbide Tool Co.

INSERTS, CERAMIC

Amer. Cutter & Engrg. Corp.
Crafts Co. Inc., Arthur A.
Dawson Carbide Industries,
Subsidiary Harrisville Tool Co.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Gulton Industries Inc.
Harrisville Tool Co.
Metallurgical Products Dept.,
General Electric Co.
Newcomer Products Inc.
Norton Co., Refractories Div.
Stupelox Div., The
Carborundum Co.
Vascoloy-Ramet Corp.
Viking Tool Inc., The

INSERTS, SCREW THREAD

Elastic Stop Nut Corp. of Amer.,
Everard Tap & Die Corp.
Heli-Coil Corp.
Hi-Shear Rivet Tool Co.
Jaw Mfg. Co.
Northwestern Tools Inc.
Nylok Corp., The
Rosan Inc.
Southco Div., South Chester Corp
Tomco Inc.
Townsend Co.

INSPECTION EQUIPMENT, CAM CHECKING

Bausch & Lomb Optical Co.
Bentley Industrial Corp.
Decker Corp., The
Dunham Tool Co. Inc., The
Electro-Autosizing Machine
Corp.
Ercona Corp.
Federal Products Corp.
New England Machine & Tool Co.
Optical Gaging Products Inc.
Opto-Metric Tools Inc.
Parker-Hartford Corp., The
Projecto Graph Instruments Corp
RCA Industrial & Machine
Tool Operations
Scherr-Tumlico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Stocker & Yale Inc.
Swiss Precision Tool Co.

INSPECTION EQUIPMENT, MAGNETIC PARTICLE

Designers for Industry
Electro-Mation Assoc.
Enco Mfg. Co.
Erinac Equip. Corp.
Magnaflex Corp.
Wender Presses Inc.

INSPECTION EQUIPMENT, OPTICAL

Amer. Cystoscopes Makers Inc.

INSPECTION EQUIPMENT, SURFACE FINISH

Airborne Instruments Lab.,
Div. Cutler-Hammer Inc.
Bausch & Lomb Optical Co.
Branson Instruments Inc.
Brush Instruments, Div. Clevite
Corp.
Circo Equip. Co.
Cleveland Instrument Co.
Designers for Industry
Engis Equip. Co.
Ercona Corp.
H B Tools
Johansson Gage Co., C. E.
Micrometrical Mfg. Co.
Montgomery & Co. Inc.
Scherr-Tumlico Co.
Swedish Gage Co.
Testing Machines Inc.
Zeiss Inc., Carl

INSPECTION EQUIPMENT, SURFACE MEASUREMENT

Amer. Slip Corp.

Bentley Industrial Corp.
Brush Instruments, Div.
Clevite Corp.
Cleveland Instrument Co.
Davidson Optonics Inc.
Decker Corp., The
Designers for Industry
Electro-Autotizing Machine Corp.
Electro-Mation Assoc.
Engis Equip. Co.
Ercona Corp.
Federal Products Corp.
Johansson Gage Co., C. E.
Lee Co., K. O.
Machine Products Corp.
Micrometrical Mfg. Co.
Montgomery & Co. Inc.
National Ultrasonic Corp.
RCA Industrial & Machine Tool Operations
Russell, Holbrook & Henderson Inc.
Scherr-Tumico Co.
Starrett Co., The L. S.
Stocker & Yale Inc.
Swedish Gage Co.
Swiss Precision Tool Co.
Unit Process Assemblies Inc.
Zeiss Inc., Carl

INSPECTION EQUIPMENT, ULTRASONIC

Automation Industries Inc.
Sperry Products Co.

INSPECTION, FLUORESCENT PENETRATING MACHINES

Curtiss-Wright Corp., Princeton Div.
Erinac Equip. Corp.
Magnafix Corp.
Met-L-Chek Co., The

INTENSIFIERS

Amer. Instrument Co. Inc.
Di-dro Engrg. Co.
Girard Assoc.
Ortman-Miller Machine Co. Inc.

JACKS, HAND

Grand Specialties Co.
Joyce-Cridland Co.
Starrett Co., The L. S.
Universal Vise & Tool Co.
Western Gear Corp.

JACKS, LEVELING

Armstrong Bros. Tool Co.
Enterprise Machine-Parts Corp.
Felters Co., The
Hamilton Tool Co., The
Joyce-Cridland Co.
Lake Shore Inc.
Northwestern Tools Inc.
Ren Plastics Inc.
Starrett Co., The L. S.
Tomco Inc.
Universal Vise & Tool Co.
Western Gear Corp.

JACKS, PLANER

Armstrong Bros. Tool Co.
Crayton Co., F. M.
DuPage Machine Co.
Lake Shore Inc.
Starrett Co., The L. S.
Tietzmann Tool Corp.
Universal Vise & Tool Co.

JAWS, CHUCK (see Chuck Jaws)

JIG BORING MACHINES (see Boring Machines, Jig)

JIG BUSHINGS, DRILL

Accurate Bushing Co.
Acme-Danneman Co. Inc.
Acme Industrial Co.
Acme Tool Corp.
Amer. Drill Bushing Co.
Ex-Cell-O Corp., Detroit
Gardner-Denver Corp.
Leland-Gifford Co.
Meyers Co., W. F.
Montgomery & Co. Inc.
Sheridan Products Inc.

Sid Tool Co. Inc.
Standard Die Set Co., Div.
Harsco Corp.
Tressler Engrg. Products Div.
Universal Engrg. Co.

JIGS, DRILL STANDARD (see Drill Jigs, Standard)

KELLERING MACHINES (see Milling Machines & Die Sinks)

KEYS, COTTER (see Cotter Pins)

KEYS, HEXAGONAL

Allen Mfg. Co.
Bristol Co., The
General Hardware Mfg. Co.
Holo-Krome Screw Corp., The
Jaw Mfg. Co.
Mac-It Parts Co.
Parker-Kalon Div., General
Amer. Transportation Corp.
Standard Horse Nail Corp.
Standard Pressed Steel Co.
Standard Screw Co.

KEYS, PLAIN

Carr Lane Mfg. Co.
De Van-Johnson Co.
Jacobs Mfg. Co., The
Lodding Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Slewak Tool Co.
Standard Automotive Parts Co.
Standard Horse Nail Corp.
Standard Parts Co.
Tietzmann Tool Corp.
Tomco Inc.
Vlier Engrg. Corp.

KEYS, SHAFTING

Baj Tool Co., The
De Van-Johnson Co.
Standard Automotive Parts Co.
Standard Horse Nail Corp.
Standard Steel Specialty Co.

KEYS, WOODRUFF

Chicago-Latrobe
Standard Automotive Parts Co.
Standard Horse Nail Corp.
Standard Steel Specialty Co.

KEYSEATING ATTACHMENTS

Dumore Precision Tools Co.
Mitts & Merrill Inc.
Morrison Co., D. C.
Morton Mfg. Co.
Northfield Foundry & Machine Co.

KEYWAY CUTTING MACHINES

Acc-U-Mat Machine Co.
Apex Broach Co. Inc.
Barer Engrg. & Machinery Co.
Bedford Gear & Machine Products Inc.
Bliss Co., E. W.
Burr & Son Inc., John T.
Carney-Stansfield Co.
Colonial Broach & Machine Co.
Davis Keyseater Co., Div.
Hansford Mfg. Corp.
Dumont Corp., The
Ingersoll Milling Machine Co.
Mitts & Merrill Inc.
Morrison Co., D. C.
Orban Co. Inc., Kurt
Reading Machine Co., The
Sunray Co.

KNIVES, CIRCULAR

Amer. Cutter & Engrg. Corp.
Atkins Saw Div., Borg-Warner Corp.
Beatty Machine & Mfg. Co.
Darwin & Milner, Inc.
Diston Div., H. K. Porter Co. Inc.
F & D Tool Co. Inc.
Ford Mfg. Co. Inc., M. A.
Gorham Tool Co.
Heinemann Saw Corp.
Heppenstall Co., Midvale-Heppenstall Co.
Ill. Tool Works, Machine & Instrument Div.

Lemmon & Snoop Co.
Marcoloy Inc.
Ohio Knife Co., The
Reltool Corp.
Simonds Saw & Steel Co.
Sicl Corp.
Somma Tool Co. Inc.
Victory Carbide Saw & Tool Co. Inc.
Wapakoneta Machine Co., The

KNIVES, MACHINE

Atkins Saw Div., Borg-Warner Corp.
Cincinnati Shaper Co., The
Diston Div., H. K. Porter Co. Inc.
Heppenstall Co., Midvale-Heppenstall Co.
Hoe & Co. Inc., E.
Lemmon & Snoop Co.
Lewthwaite Machine Co., T. H.
Mitts & Merrill Inc.
Morley Machinery Corp.
Ohio Knife Co., The
Simonds Saw & Steel Co.
Wapakoneta Machine Co., The

KNURLING MACHINES

Morley Machinery Corp.

KNURLING ROLLS (see Rolls, Knurling)

KNURLING TOOLS

Alina Corp.
Armstrong Bros. Tool Co.
Bachmann Co. Inc., Eric R.
Boyer-Schultz Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Detterbeck Co., L. G.
Hjorth Lathe & Tool Co.
International Machine & Tool Corp.
M. P. A. Co.
Matthews & Co., Jas. H.
Mohawk File & Tool Co.
Montgomery & Co. Inc.
Morley Machinery Corp.
National Tool Co.
Niagara Cutter Div., Bollier-Damrell Inc.
Pratt & Whitney Co. Inc.
Reed Rolled Thread Die Co.
Rockwin Mfg. Co.
Schmidt Inc., Geo. T.
Screw Machine Tool Co.
Sid Tool Co. Inc.
Wade Tool Co., The
Williams & Co., J. H.

LAMINATION DIES

Commando Tool Co. Inc.
Eglinton Carbide Products Inc.
Oberg Mfg. Co. Inc.

LAPPING COMPOUNDS

Abrasive Dressing Tool Co.
Acme Scientific Co.
Aldridge Industrial Oils Inc.
Barton Mines Corp.
Boyer-Schultz Corp.
Carborundum Co., The
Clipper Diamond Tool Co. Inc.
Clover Mfg. Co.
Crafts Co. Inc., Arthur A.
Crane Packing Co.
Dayton Carbide Tool Co. Inc.
Diamond Tool Co.
Diamond Tool Research Co. Inc.
Elgin National Watch Co., Abrasives Div.
Empire Corp.
Engis Equip. Co.
Exolon Co., The
Felker Mfg. Co.
Houghton & Co., E. F.
K. C. Abrasive Co.
Kerns Co., L. R.
Lea-Michigan Inc.
Magnus Chemical Co. Inc.
Mobil Oil Co.
National Broach & Machine Co.
National Diamond Lab. Inc.
Pate Oil Co.
Penn Scientific Products Co.
Rust-Lick Inc.
Benson & Sons Inc., Henry E.
Smit & Co. Inc., Anton

Spitfire Tool & Machine Co.
Stadoll Mfg. Co.
Standard Diamond Tool Corp.
Stuart Oil Co. Ltd., D. A.
Timesaver Products Co.
U. S. Products Co.

LAPPING MACHINES, CYLINDRICAL

Barnes Drill Co.
Bentley Industrial Corp.
Cincinnati Milling & Grinding Machines Inc.
DoAll Co., The
Eisler Engrg. Co., Inc.
Foote-Burt Co., The
Norton Co., Machine Div.
S & S Machinery Co.
Size Control Co.
Spitfire Tool & Machine Co.

LAPPING MACHINES, PLANE

Crane Packing Co.
Diamond Tool Co.
DoAll Co., The
Eisler Engrg. Co. Inc.
Empire Corp.
Gleason Works
Norton Co., Machine Div.
Rice Pump & Machine Co.
S & S Machinery Co.
Spitfire Tool & Machine Co.
Taft-Peirce Mfg. Co., The

LAPPING MACHINES, VIBRATORY

Eisler Engrg. Co. Inc.
Gleason Works
Syntron Co.
Taylor Devices Inc.

LAPPING PLATES

Challenge Machinery Co., The
Collins Microflat Co.
Crane Packing Co.
Inspection Devices Co., Inc., Div. of Corco Tool Co.
Lake Shore Inc.
Penn Scientific Products Co.
Products Engrg. & Mfg. Co.
Taft-Peirce Mfg. Co., The
U. S. Tool Co. Inc.
Vulcan Tool Co.

LAPS

Acme-Danneman Co. Inc.
Boyer-Schultz Corp.
Diamond Tool Co.
Federal Tool Corp.
Lake Shore Inc.
Main & Sons Inc., Robert A.
Metal Removal Co., The
Norton Co., Machine Div.
Penn Scientific Products Co.

LATHE ACCESSORIES & ATTACHMENTS

Alina Corp.
Aloris Tool
Amer. Tool Works Co., The
Ashcomb Co.
Associated Machine Tool Corp.
Bardons & Oliver Inc.
Beaver Tool & Engrg. Corp.
Bellows-Valva, Divs. of IBEC
Black Rock Mfg. Co., The
Boyer-Schultz Corp.
Boye & Emmes Machine Tool Co., The
Brown & Sharpe Mfg. Co., Industrial Products Div.
Carney-Stansfield Co.
Carroll-Jamieson Machine Tool Co., The
Chi-Co. Inc.
Chicago Tool & Engrg. Co.
Cincinnati Lathe & Tool Co.
Clearing Div., U. S. Industries Inc.
Delta Power Tool Div., Rockwell Mfg. Co.
Derbyshire Inc., F. W.
De Silvey Corp., The
Dunham Tool Co. Inc., The
Erinac Equip. Corp.
Freyman & Sons, J. E.
Gisholt Machine Co.
Hardinge Brothers Inc.

PRODUCTS

LATHE ACCESSORIES & ATTACHMENTS (cont.)

Hjorth Lathe & Tool Co.
Ideal Industries Inc.
Jones & Lamson Machine Co.
K. D. K. Products
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Leland-Gifford Co.
Lincoln Industries Co.
Lloyd Tool Corp.
Loeffel Co. Inc., The Arthur
Master Mfg. Co.
Millers Falls Co.
Montgomery & Co. Inc.
Neise, Karl A.
O. K. Rubber Welders Inc.,
Mfg. Div.
Precision Processing Co.
Production Machine Co.
S-P Mfg. Corp., The
S & S Machinery Co.
Sid Tool Co. Inc.
Stark Tool Co.
U. S. Industries, Clearing
Machine Tool Div.
Universal Vise & Tool Co.
Wade Tool Co., The
Warner & Swasey Co.
Williams & Co., J. H.

LATHE CARRIAGE STOPS

Jentsch Inc., Edward

LATHE CHUCKS (see Chucks, Lathe)

LATHE DOGS (see Dogs, Lathe)

LATHES, AUTOMATIC CHUCKING

B. S. A. Tools Ltd.
Baird Machine Co., The
Bullard Co., The
Carney-Stansfield Co.
Cleveland Automatic Machine
Co., The
Columbia International Corp.
Cone Automatic Machine Co.
Inc.
Coulter Machine Co., James
DeSilvey Corp., The
Erinac Equip. Corp.
Girard Assoc.
Gisholt Machine Co.
Jones & Lamson Machine Co.
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Lincoln Industries Co.
Logan Engrg. Co.
Monarch Machine Tool Co., The
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Seneca Falls Machine Co.
Sigma Machinery Inc.
Warner & Swasey Co.
Wender Presses Inc.
Wickes Corp., The Wickes
Machine Tool Div.

LATHES, AXLE

Amer. Tool Works Co., The
Assoc. Machine Tool Corp.
Carney-Stansfield Co.
Girard Assoc.
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Monarch Machine Tool Co., The
S & S Machinery Co.
Seneca Falls Machine Co.
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.

LATHES, BENCH

Alina Corp.
Amer. Edelstaal Inc.
Bentley Industrial Corp.
Challenge Machinery Co., The
Clausing Div., Atlas Press Co.
Derbyshire Inc., F. W.
Hardinge Brothers Inc.
Hjorth Lathe & Tool Co.
LeBlond Machine Tool Co., R. K.
Levin & Son Inc., Louis
Loeffel Co. Inc., The Arthur
Logan Engrg. Co.
Millers Falls Co.
Penniman Co., Elisha
Rivett Lathe & Grinder Inc.

S & S Machinery Co.
Sheldon Machine Co. Inc.
Sloan & Chase Mfg. Co. Inc.
South Bend Lathe Inc.
Stark Tool Co.
Transmores Corp.
Wade Tool Co., The
Wender Presses Inc.
Wickman Products Corp.

LATHES, CAR-WHEEL

Baldwin-Lima-Hamilton Corp.
Bullard Co., The
Girard Assoc.
S & S Machinery Co.
Transmores Corp.

LATHES, CONTOURING

Amer. Tool Works Co., The
Associated Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Baldwin-Lima-Hamilton Corp.
Barber-Colman Co.
Bliss Co., E. W.
Boye & Emmes Machine Tool Co.,
The
Campbell Contour Attachment
Co. Inc.
Carney-Stansfield Co.
Clearing Div., U. S. Industries
Inc.
Erinac Equip. Corp.
Girard Assoc.
Gisholt Machine Co.
Jones & Lamson Machine Co.
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Monarch Machine Tool Co., The
Motch & Merryweather
Machinery Co.
Orban Co. Inc., Kurt
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Seneca Falls Machine Co.
Sheppard, Stanley
Sigma Machinery Inc.
Springfield Machine Tool Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Turchan Follower Machine Co.
U. S. Industries, Clearing
Machine Tool Div.
Wender Presses Inc.
Wickes Corp., The Wickes
Machine Tool Div.

LATHES CRANKSHAFT

Amer. Waldrich Mfg. Corp.
Associated Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Baldwin-Lima-Hamilton Corp.
Girard Assoc.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Springfield Machine Tool Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
VDF Lathe Div., Rudel Ma-
chinery
Wickes Corp., The Wickes Ma-
chine Tool Div.

LATHES, DOUBLE END

Amer. Waldrich Mfg. Corp.
Associated Machine Tool Corp.
Clearing Div., U. S. Industries
Inc.
Girard Assoc.
Gisholt Machine Co.
Jones & Lamson Machine Co.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Orban Co. Inc., Kurt
S & S Machinery Co.
Seneca Falls Machine Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
VDF Lathe Div., Rudel Ma-
chinery
Weisser Machinery Corp.
Wickes Corp., The Wickes
Machinery Tool Div.

LATHES, ENGINE, MEDIUM DUTY

Black Rock Mfg. Co., The
Monarch Machine Tool Co.
Inc.

LATHES, ENGINE, HEAVY DUTY

Amer. Tool Works Co., The
Amer. Waldrich Mfg. Corp.
Associated Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Baldwin-Lima-Hamilton Corp.
Barber-Colman Co.
Bentley Industrial Corp.
Bliss Co., E. W.
Boye & Emmes Machine Tool Co.,
The
Bradford Machine Tool Co.
Carney-Stansfield Co.
Clausing Div., Atlas Press Co.
Clearing Div., U. S. Industries
Inc.
Columbia International Corp.
Erinac Equip. Corp.
Girard Assoc.
Hermes Machine Tool Co. Inc.
Index Industrial Corp.
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Loeffel Co. Inc., The Arthur
Monarch Machine Tool Co., The
Orban Co. Inc., Kurt
Rockford Machine Tool Co.
S & S Machinery Co.
Sheldon Machine Co. Inc.
Sheppard, Stanley
Sidney Machine Tool Co.
Sigma Machinery Inc.
Springfield Machine Tool Co.
U. S. Industries Clearing
Machine Tool Div.
VDF Lathe Div., Rudel Ma-
chinery
Weisser Machinery Corp.
Wender Presses Inc.
Wickes Corp., The Wickes
Machine Tool Div.

LATHES, FLOOR, LIGHT DUTY

Alina Corp.
Carney-Stansfield Co.
Carroll-Jamieson Machine Tool
Co., The
Cincinnati Lathe & Tool Co.
Clausing Div., Atlas Press Co.
Clearing Div., U. S. Industries
Inc.
Columbia International Corp.
Erinac Equip. Corp.
Hermes Machine Tool Co. Inc.
Index Industrial Corp.
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Lodge & Shipley Co., The
Logan Engrg. Co.
Penniman Co., Elisha
Rivett Lathe & Grinder Inc.
Rockwell Mfg. Co.
S & S Machinery Co.
Sheldon Machine Co. Inc.
Sheppard, Stanley
Sigma Machinery Inc.
South Bend Lathe Inc.
Stark Tool Co.
U. S. Industries, Clearing
Machine Tool Div.
Wade Tool Co., The
Weisser Machinery Corp.
Wender Presses Inc.

LATHES, GAP

Amer. Waldrich Mfg. Corp.
Associated Machine Tool Corp.
Bentley Industrial Corp.
Carney-Stansfield Co.
Cincinnati Lathe & Tool Co.
Clausing Div., Atlas Press Co.
Clearing Div., U. S. Industries
Inc.
Gisholt Machine Co.
Index Industrial Corp.
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Orban Co. Inc., Kurt
Penniman Co., Elisha
Rockwell Mfg. Co.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
South Bend Lathe Inc.
Springfield Machine Tool Co.
Transmores Corp.
U. S. Industries, Clearing
Machine Tool Div.

VDF Lathe Div., Rudel Ma-
chinery
Warner & Swasey Co.
Weisser Machinery Corp.
Wender Presses Inc.

LATHES, MULTIPLE SPINDLE AUTOMATIC

B. S. A. Tools Ltd.
Baird Machine Co., The
Bullard Co., The
Carney-Stansfield Co.
Cone Automatic Machine Co., Inc.
Girard Assoc.
Greenlee Brothers & Co.
Rockwell Mfg. Co.
S & S Machinery Co.
Warner & Swasey Co.
Wickes Corp., The Wickes
Machine Tool Div.

LATHES, PROFILING

Monarch Machine Tool Co. Inc.

LATHES, RIGHT-ANGLE

Monarch Machine Tool Co. Inc.

LATHES, ROLL

Amer. Tool Works Co., The
Amer. Waldrich Mfg. Corp.
Associated Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Baldwin-Lima-Hamilton Corp.
Bliss Co., E. W.
Carney-Stansfield Co.
Girard Assoc.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Monarch Machine Tool Co., The
Orban Co. Inc., Kurt
S & S Machinery Co.
Sidney Machine Tool Co.
Sigma Machinery Inc.
Springfield Machine Tool Co.
Transmores Corp.
United Engrg. & Foundry Co.
U. S. Industries, Clearing
Machine Tool Div.

LATHES, SCREW CUTTING

Monarch Machine Tool Co. Inc.

LATHES, SINGLE SPINDLE AUTOMATIC

Alina Corp.
B. S. A. Tools Ltd.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery
Co. Ltd.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Bullard Co., The
Carney-Stansfield Co.
Cone Automatic Machine Co. Inc.
Coulter Machine Co., James
De Silvey Corp., The
Gisholt Machine Co.
Guthery Machine Tool Corp.
Jones & Lamson Machine Co.
Lincoln Industries Co.
Loeffel Co. Inc., The Arthur
Motch & Merryweather
Machinery Co., The
National Acme Co., The
Pratt & Whitney Co. Inc.
Reed-Frentice Div.,
Package Machinery Co.
Russell Holbrook & Henderson
Inc.
S & S Machinery Co.
Seneca Falls Machine Co.
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Warner & Swasey Co.
Wender Presses Inc.
Wickes Corp., The Wickes
Machine Tool Div.
Wickman Products Corp.

LATHES, SPECIAL PURPOSE

Acme Industrial Co.
Amer. Electronics Inc.,
Industrial Machinery Div.
Amer. Tool Works Co., The
Associated Machine Tool Corp.
Bachmann Co. Inc., Eric R.

Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co.
Ltd.
Black Rock Mfg. Co., The
Blount Co., J. G., Subsidiary
Bowl-Mor Co. Inc.
Boye & Emmes Machine Tool Co.
Carney-Stansfield Co.
Challenge Machinery Co., The
Clearing Div., U. S. Industries
Inc.
Erinac Equip. Corp.
Fitchburg Engrg. Corp.
Girard Assoc.
Gisholt Machine Co.
Hissey-Wolf Machine Co., The
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Loeffel Co. Inc., The Arthur
Merz Engrg. Inc.
Monarch Machine Tool Co., The
Orban Co. Inc., Kurt
S & S Machinery Co.
Seneca Falls Machine Co.
Sidney Machine Tool Co.
Sigma Machinery Inc.
Snyder Corp.
Springfield Machine Tool Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
U. S. Industries, Clearing
Machine Tool Div.
VDF Lathe Div., Rudel Ma-
chinery.
Waterbury Farrel Foundry &
Machine Div. Textron Inc.
Wickes Corp., The Wickes
Machine Tool Div.

LATHES, SPEED

Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Blount Co., J. G., Subsidiary
Bowl-More Co. Inc.
Cincinnati Electrical Tool Co.,
Clausing Div., Atlas Press Co.,
Crozier Machine Tool Co.
Hardinge Brothers Inc.
Hissey-Wolf Machine Co., The
Hjorth Lathe & Tool Co.
LeBlond Machine Tool Co., R. K.
Monarch Machine Tool Co., The
Oliver Machinery Co.
Rivett Lathe & Grinder Inc.
S & S Machinery Co.
Schauer Mfg. Corp.
Standard Electrical Tool Co., The
Transmores Corp.
Wade Tool Co., The

LATHES, SPINNING

Blount Co., J. G., Subsidiary
Bowl-More Co. Inc.
Boice-Crane Co.
Clearing Div., U. S. Industries
Inc.
Cleveland Hobbing & Machine
Co.
Columbia International Corp.
Cosa Corp.
Erinac Equip. Corp.
Ferracute Machine Co.
Hufford Corp., The
Lodge & Shipley Co., The
Oliver Machinery Co.
S & S Machinery Co.
Stark Tool Co.
Transmores Corp.
Williams White & Co.

LATHES, TOOLROOM, MEDIUM DUTY

Black Rock Mfg. Co., The
Monarch Machine Tool Co.
Inc.

LATHES, TRACING

Amer. Tool Works Co., The
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Black Rock Mfg. Co., The
Boye & Emmes Machine Tool
Co., The
Bullard Co., The
Campbell Contour Attachment
Co. Inc.
Carney-Stansfield Co.
Cincinnati Lathe & Tool Co.

Clausing Div., Atlas Press Co.
Clearing Div., U. S. Industries
Cleveland Hobbing & Machine
Co.
Columbia International Corp.
Cone Automatic Machine Co.
Inc.
Erinac Equip. Corp.
Gisholt Machine Co.
Hufford Corp., The
Jones & Lamson Machine Co.
Lapointe Machine Co.
LeBlond Machine Tool Co., R. K.
Lehmann-Brandes Machine Co.
Lodge & Shipley Co., The
Monarch Machine Tool Co., The
New Britain Gridley Div.
Orban Co. Inc., Kurt
Penniman Co., Eliza
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Seneca Falls Machine Co.
Sheppard, Stanley
Sidney Machine Tool Co.
Sigma Machinery Inc.
Springfield Machine Tool Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Transmores Corp.
Turchan Follower Machine Co.
U. S. Industries, Clearing
Machine Tool Div.
VDF Lathe Div., Rudel Ma-
chinery
Walker Hydraulic Duplicator Co.
Warner & Swasey Co.
Weiser Machinery Corp.
Wender Presses Inc.

LATHES, TREPPANNING

Amer. Tool Works Co., The
Clearing Div., U. S. Industries
Inc.
Girard Assoc.
LeBlond Machine Tool Co.,
R. K.
S & S Machinery Co.
U. S. Industries, Clearing Ma-
chine Tool Div.
VDF Lathe Div.

LATHES, TURRET, MULTITOOL HOLDER

Borel & Dunner, Inc.

LATHES, TURRET, RAM TYPE

Acme Industrial Co.
Alina Corp.
Bachmann Co. Inc., Eric R.
Bardons & Oliver Inc.
Barer Engrg. & Machinery Co.
Ltd.
Carney-Stansfield Co.
Challenge Machinery Co., The
Clausing Div., Atlas Press Co.
Cleveland Hobbing & Machine
Co.
DeSilvey Corp., The
Gisholt Machine Co.
Jones & Lamson Machine Co.
Lapointe Machine Co.
Lincoln Industries Co.
Logan Engrg. Co.
S & S Machinery Co.
Sigma Machinery Inc.
Transmores Corp.
VDF Lathe Div., Rudel Ma-
chinery
Wade Tool Co., The
Warner & Swasey Co.
Wender Presses Inc.
Wickman Products Corp.

LATHES, TURRET, SADDLE TYPE

Bachmann Co. Inc., Eric R.
Bardons & Oliver Inc.
Carney-Stansfield Co.
DeSilvey Corp., The
Gisholt Machine Co.
Jones & Lamson Machine Co.
Lapointe Machine Co.
Lincoln Industries Co.
S & S Machinery Co.
Sigma Machinery Inc.
South Bend Lathe Inc.
VDF Lathe Div., Rudel Ma-
chinery
Warner & Swasey Co.
Wender Presses Inc.
Wickman Products Corp.

LATHES, VERTICAL CHUCKING

Baird Machine Co., The
Bullard Co., The
Carney-Stansfield Co.
Erinac Equip. Corp.
Gisholt Machine Co.
Motch & Merryweather Ma-
chinery Co., The
S & S Machinery Co.
Sundstrand Machine Tool Div.
Sundstrand Corp.
Weisser Machinery Corp.
Wender Presses Inc.

LATHES, VERTICAL TURRET

Amer. Schless Corp.
Bullard Co., The
Carney-Stansfield Co.
Cosa Corp.
Erinac Equip. Corp.
Giddings & Lewis Machine Tool
Co.
King Machine Tool Div., Amer.
Steel Foundries
Loeffel Co. Inc., The Arthur
S & S Machinery Co.
Sigma Machinery Inc.
Wender Presses Inc.

LAYOUT FLUIDS

Dykem Co., The
Fannier Corp., The
Sid Tool Co. Inc.
Starrett Co., The L. S.

LAYOUT TABLES (see Tables, Layout)

LEAD SCREWS

Meier Brass & Aluminum Co.

LEAD, TIN, ZINC

Amer. Smelting & Refining Co.
Belmont Smelting & Refining
Works Inc.
National Lead Co.
New Jersey Zinc Co., The
Revere Copper & Brass Inc.
Udylite Corp., The

LEATHER

Couse & Bolten Co.
Rhoads & Sons, J. E.

LEATHER, BELTING (see Belting, Leather)

LEVELING JACKS (see Jack, Leveling)

LEVELS & PLUMBS

Bruning Co. Inc., Chas.
Davidson Optonics Inc.
General Hardware Mfg. Co.
Inc.
Lufkin Rule Co.
Starrett Co., The L. S.
Warren-Knight Co.

LIGHTING FIXTURES & LAMPS

Cullen Mfg. Co.
Desor Mfg. Corp.
Fostoria Corp.
Machine Specialties Co. Copper
Craft Div.
Moffatt Products Inc.
Robboy Electric Mfg. Co.
Sta-Put Lite & Equip. Corp.
Standard Portable Cord Co.
Stocker & Yale Inc.
Sun-Lite Mfg. Co.
Swiveller Co. Inc.
Twentieth Century Mfg. Co.
Vimco Mfg. Co. Inc.
Westinghouse Electric Corp.

LIGHTS, INDICATOR

Allen-Bradley Co.
Dialight Corp.
Enco Mfg. Co.
Mahr Gage Co. Inc.
Westinghouse Electric Corp.

LIMIT SWITCHES (see Switches, Limit)

LOAD TESTING EQUIPMENT

City Tool Corp.
Dillon & Co. Inc., W. C.
Electro-Mation Assoc.
Link Engrg. Co.
Standard Instrument Corp.
Div. Heat-Timer Corp.
Steel City Testing Machines
Turner Bros. Inc.
Western Gear Corp.

LOCKNUTS

Eaton Mfg. Corp., Reliance Div.
Greer Stop Nut Co.
Hage Industrial Corp.
Hi-Shear Rivet Tool Co.
Link-Belt Co.
Nyllok Corp., The
Palnut Co., The, United Carr
Fastener
SKF Industries Inc.
Standard Pressed Steel Co.
Star Stainless Screw Co.
Townsend Co.

LOW MELTING POINT ALLOYS (see Alloys, Low Melting Point)

LUBRICANTS, DIE-CASTING

Aldridge Industrial Oils Inc.

LUBRICANTS, FORGING

Aldridge Industrial Oils Inc.

LUBRICANTS, MACHINE

Acheson Colloids Co., Div.
Acheson Industries Inc.
Alomite Div., Stewart-Warner
Corp.
Alpha-Molykote Corp., The
Anderson Oil & Chemical Co.
Inc.
Atlantic Refining Co., The
Bel-Ray Co. Inc.
Cabot Inc., Samuel
Continental Oil Co.
Cook's Sons Inc., Adam
Diversey Corp., The
Dow Corning Corp.
Esso Standard Div., Humble
Oil & Refining Co.
Fiske Bros. Refining Co. Lubri-
plate Div.
Gulf Oil Corp.
Houghton & Co., E. F.
Kerns Co., L. R.
Keystone Lubricating Co.
Lloyd Tool Corp.
Lubikold Co.
Magnus Chemical Co. Inc.
Metal Lubricants Co.
Mobil Oil Co.
National Refining Co., Div.
Ashland Oil & Refining Co.
New York & New Jersey Lub-
ricant Co.
Pate Oil Co.
Penola Oil Co.
Renewal Service Inc.
Rust-Lick Inc.
Sanson & Sons Inc., Henry E.
Shell Oil Co.
Sinclair Refining Co.
Skill Corp.
Specialty Products Co.
Standard Oil Co. of Calif.
Western Operation Inc.
Standard Oil Co. of Ind.
Stuart Oil Co. Ltd., D. A.
Sun Oil Co.
Texaco Inc.
Valvoline Oil Co., Div.
Ashland Oil & Refining Co.
White & Bagley Co., The

LUBRICATION EQUIPMENT

Alomite Div., Stewart-Warner
Corp.
Aro Equipment Corp., The
Balcank Inc., Machine Tool
Div.
Bijur Lubricating Corp.
Bowen Products Corp.
Coolant Equip. Corp.
DeVilbiss Co., The
Eaton Mfg. Co.
Farval Div., Eaton Mfg. Co.
Mobil Oil Co.
Norgren Co., C. A.

PRODUCTS

LUBRICATION EQUIPMENT (cont.)

Nugent & Co. Inc., Wm. W. Oil-Rite Corp.
Orvac Products Inc.
Standard Oil of Calif.
Western Operation Inc.
Trabon Engrg. Corp.
Trico Fuse Mfg. Co.

LUBRICATORS, AIR LINE

Airmatic Valve Inc.
Air-Mite Devices Inc.
Alomite Div., Stewart-Warner Corp.
Arrow Tools Inc.
Bellows-Valvair, Div. IBEC
Chicago Pneumatic Tool Co.
Cleo Air Tools
Gardner-Denver Co.
Gits Brothers Mfg. Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydro-Line Mfg. Co.
LeRol Div., Westinghouse Air Brake Co.
Logansport Machine Co. Inc.
M-B Products Inc.
Neilsen Inc., E. V.
Norgren Co., C. A.
Oil-Rite Corp.
Perfecting Service Co.
S-P Mfg. Corp., The
Schrader's Son, A., Div.
Schovill Mfg. Co. Inc.
Thor Power Tool Co.
Watts Regulator Co.
Wilkinson Corp.

MACHINE CONTROLS, AIR (see Valves)

MACHINE GUARDS (see Guards)

MACHINE HANDLES (see Ball Cranks, Hand Wheels & Machine Handles)

MACHINE KNIVES & BLADES (see Knives; see Blades)

MACHINE TABLE VISES (see Vises, Machine Table)

MACHINES, HOT STAMPING

Acromark Co., The
French Enterprises

MACHINES, WIRE MARKING

Defiance Machine & Tool Co.

MAGAZINE FEEDS

Brown & Sharpe Mfg. Co., Machine Tool Div.
Buckeye Tools Corp.
Cincinnati Milling & Grinding Machines Inc.
Clark Industries
Detroit Power Screwdriver
Emhart Mfg. Co., Hudson Div.
Federal Tool Engrg. Co.
Gray Equipment Co.
Kenhos Corp., Div. George H. Kendall
Production Feeder Corp.
RCA Industrial & Machine Tool Operations
Syntron Co.
USI Robodome Div., U. S. Industries Inc.
Walham Machine Works Inc.

MAGNESIUM

Amer. Smelting & Refining, Federated Metals Div.
Belmont Smelting & Refining Works Inc.
Brooks & Perkins Inc.

MAGNESIUM TOOLING PLATE (see Tooling Plate, Magnesium)

MAGNETIC CHUCKS (see Chucks, Magnetic)

MAGNETIC HOLD-DOWNS

General Hardware Mfg. Co.

MAGNETIC PARTICLE INSPECTION EQUIPMENT (see Inspection, Magnetic Particle)

MAGNETIZING EQUIPMENT

Annis Co., R. B.
Crucible Steel Co. of Amer.
Empire Magnetics Inc.
Ind. Steel Products Co., Div. Ind. General Corp.
Magnaflex Corp.
Ro-Lett Tools & Die Mfg.

MAGNETS, PERMANENT

Aronson Machine Co.
Crucible Steel Co. of Amer.
Cullen Mfg. Co.
Empire Magnetics Inc.
Eriez Mfg. Co.
General Hardware Mfg. Co. Inc.
Hanchett Magna-Lock Corp., Magna-Lock Inc.
Ind. Steel Products Co., Div. Ind. General Corp.
Lufkin Rule Co.
Magnaflex Corp.
Magnetic Holding Devices
Marathon Special Steels Inc.
Metallurgical Products Dept., General Electric Co.
Miner Tool Co., T. B.
Montgomery & Co. Inc.
Multifinish Mfg. Co.
Neilsen Inc., E. V.
Ro-Lett Tools & Die Mfg.
Standard Portable Cord Co.
Storch Products Co. Inc.

MAGNIFIERS

Bausch & Lomb Optical Co.
Cullen Mfg. Co.
Dazor Mfg. Corp.
DoAll Co., The
Eder Instrument Co. Inc.
Edroy Products Co.
Enco Mfg. Co.
Ercoma Corp.
General Hardware Mfg. Co. Inc.
H B Tools
Lufkin Rule Co.
Montgomery & Co. Inc.
Pacific Transducer Corp.
Scherr-Tumico Co.
Steban Co.
Stocker & Yale Inc.
Swiss Precision Tool Co.
Zeiss Inc., Carl

MANDREL EXPANDING MACHINES (see Expanding Mandrel Machines)

MANDREL, EXPANDING MANUAL

A & C Engineering Co. Inc.
Amer. Cutter & Engrg. Corp.
Arrowsmith Tool & Die Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Carborundum Co., The
Chi-Co Inc.
Chicago-Latrobe
Drewco Corp.
Dunham Tool Co. Inc., The
Erickson Tool Co.
Grottes Machine Works Inc.
LeCount Tool Works Inc.
Lee Co., K. O.
Lehmann-Fulton Boring Tool Div., Fulton Iron Works
Montgomery & Co. Inc.
Morton Mfg. Co.
Overton Gear & Tool Corp.
Pandjiris Weldment Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Speed Grip Chuck, Div. Ernest Holdeman & Collet, Inc.
Woodworth Co., N. A.

MANDREL SECTIONS, EXPANDING

A & C Engrg. Co. Inc.
Amer. Cutter & Engrg. Corp.

Arrowsmith Tool & Die Corp.
Chi-Co Inc.
Dunham Tool Co. Inc., The
Erickson Tool Co.
Grottes Machine Works Inc.
Lehmann-Fulton Boring Tool Div., Fulton Iron Works
Morton Mfg. Co.
Pandjiris Weldment Co.
Speedgrip Chuck Div., Ernest Holdeman & Collet Inc.
Woodworth Co., N. A.

MANDRELS, EXPANDING, POWER

Arrowsmith Tool & Die Corp.
Bliss Co., E. W.
Chi-Co Inc.
Drewco Corp.
Erickson Tool Co.
Grottes Machine Works Inc.
Morton Mfg. Co.
Overton Gear & Tool Corp.
Pandjiris Weldment Co.
Scully-Jones & Co.
Sheffer Collet Co.
Speedgrip Chuck, Div. Ernest Holdeman & Collet, Inc.
Woodworth Co., N. A.

MANDRELS, SOLID

Acromatic Tool Co.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
Beaver Tool & Engrg. Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brubaker Tool Corp.
Bultool Co., The
Butterfield Div., Union Twist Drill Co.
Carbide Tool Co.
Chicago-Latrobe
City Tool Corp.
Cleveland Twist Drill Co., The
DeKalb Precision Industries
Dunham Tool Co. Inc., The
F & D Tool Co. Inc.
Field Abrasive Mfg. Co. Inc.
Foredom Electric Co. Inc.
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Lehmann-Fulton Boring Tool Div., Fulton Iron Works
Marathon Specialty Steels Inc.
Montgomery & Co. Inc.
Pandjiris Weldment Co.
Reitool Corp.
Sid Tool Co. Inc.
Standard Tool Co.
Union Twist Drill Co.
Waukegan Quality Tool Works
Whitman & Barnes

MANDRELS, TUBE BENDING

Pines Engrg. Co. Inc.
Wallace Supplies Mfg. Co.

MANUAL PRESSES (see Presses)

MARKERS, ELECTRIC ETCHING

AA Gage Co., Design Engrg. Div.
Acme Marking Equip. Co.
Annis Co., R. B.
Antares Instrument Inc., Subsidiary A. F. Wilkens Inc.
Cadillac Stamp Co.
Cunningham Co., M. E.
Defiance Machine & Tool Co.
Electromark Corp., The
Gorton Machine Co., George
Ideal Industries Inc.
Martindale Electric Co.
Newage Industries Inc.
Pannier Corp., The
Preis Engraving Machine Co., H. P.

MARKING DIES (see Dies, Marking)

MARKING EQUIPMENT

AA Gage Co., Design Engrg. Div.
Acme Marking Equip. Co.
Acromark Co., The
Boatitch Inc.

Brady Co., W. H.
Cadillac Stamp Co.
Carney-Stansfield Co.
Cunningham Co., M. E.
Defiance Machine & Tool Co.
Diamond Tool Co.
Electromark Corp., The
Force & Co. Inc., Wm. A.
Hjorth Lathe & Tool Co.
Ideal Industries Inc.
Imperial Stamp & Engraving Co.
Markal Co.
Markem Machine Co.
Martindale Electric Co.
Matthews & Co., Jas. H.
Noble & Westbrook Mfg. Co.
Pannier Corp., The
Patterson Machine Co., George C.
Preis Engraving Machine Co., H. P.
Rogers Mfg. Co., Dayton
Roovers-Lotach Corp.
Rotor Tool Co., The
Schmidt Inc., Geo. T.
Thor Power Tool Co.
Wright-Gregg & Sons, G.

MARKING MACHINES

AA Gage Co., Design Engrg. Div.
Acme Marking Equip. Co.
Acromark Co., The
Antares Instruments Inc., Subsidiary A. F. Wilkens Inc.
Brady Co., W. H.
Cadillac Stamp Co.
Carney-Stansfield Co.
Cunningham Co., M. E.
Defiance Machine & Tool Co.
Electromark Corp., The
Force & Co. Inc., Wm. A.
Gorton Machine Co., George
Hannifin Co., Div. Parker-Hannifin Co.
Hjorth Lathe & Tool Co.
Imperial Stamp & Engraving Co.
Markem Machine Co.
Martindale Electric Co.
Matthews & Co., Jas. H.
Noble & Westbrook Mfg. Co.
Pannier Corp., The
Preis Engraving Machine Co., H. P.
Rogers Mfg. Co., Dayton
Roovers-Lotach Corp.
Rotor Tool Co., The
Schmidt Inc., Geo. T.
Wright-Gregg & Sons, G.

MASKING MATERIALS

Brady Co., W. H.
Conforming Matrix Corp.
Finish Engrg. Co. Inc.
Minnesota Mining & Mfg. Co.
Rogers Dayton Mfg. Co.
Seal-Peel Inc.
Western Coating Co.

MATERIAL HANDLING EQUIPMENT (see Specific Type)

MEASURING WIRES

(Thread, Spline, Gear)
DeKalb Precision Industries
Detroit Tap & Tool Co.
Flynn Mfg. Co.
H B Tools
Johansson Gage Co., C. E.
Ovee Gauge Co.
Pratt & Whitney Co. Inc.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation
Size Control Co.
Standard Tool Co.
Taft-Peires Mfg. Co., The
Threadwell Tap & Die Co.
Van Keuren Co., The
Winter Bros. Co.

MECHANICAL CLUTCHES (see Clutches, Mechanical)

MECHANICAL PRESSES (see Presses)

METAL DETECTORS

Dice Co., J. W.

METAL POWDER FORMING

PRESSES (see Presses)

METAL SORTERS

Dice Co., J. W.

METAL SPRAYING EQUIPMENT

Cerro De Pasco Sales Co.
Metallizing Co. of Amer.
Metallizing Engrg. Co. Inc.
Wall-Colmonoy Corp.

**METAL STITCHERS (see Stapling
Machines)**

METALLIZING EQUIPMENT

Consolidated Electrodynamics
Finish Engrg. Co. Inc.
Metallizing Co. of Amer.
Stokes Corp., F. J.

METALS, HARD FACING

Air Reduction Sales Co.
Aluminum Co. of Amer.
Amer. Smelting & Refining Co.
Federated Metals Div.
Belmont Smelting & Refining
Works Inc.
Crucible Steel Co. of Amer.
Esco Products Inc.
Eutectic Welding Alloys Corp.
Haynes Stellite Co., Div. Union
Carbide Corp.
Marathon Specialty Steels Inc.
Vanadium-Alloys Steel Co.
Wall-Colmonoy Corp.

**METALS, POWDER (see Powder
Metals)**

MICRODRILLS

National Jet Co.

MICROMETER HEADS

Alina Corp.
Arizona Tool & Die Co.
Boeckeler Instrument Co.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
DoAll Co., The
Engis Equip. Co.
Erinac Equip. Corp.
Johannson Gage Co., C. E.
Lehmann-Fulton Boring Tool
Co., Div. Fulton Iron Works
Co.
Lufkin Rule Co.
Mahr Gage Co. Inc.
Millers Falls Co.
Opto-Metric Tools Inc.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Slocomb Co., J. T.
Starrett Co., The L. S.
Swedish Gage Co.
Swiss Precision Tool Co.
Taper Micrometer Corp.
Van Keuren Co., The

MICROMETERS

Alina Corp.
Amer. Slip Corp.
Boeckeler Instrument Co.
Borel & Dunner Inc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Coastal Abrasive & Tool Co. Inc.
Dice Co., J. W.
DoAll Co., The
Ercona Corp.
Erinac Equip. Corp.
Federal Products Corp.
Illinois Metal Products
Johannson Gage Co., C. E.
Keystone Reamer & Tool Co.
Lufkin Rule Co.
M. B. I. Export & Import Ltd.
Mahr Gage Co. Inc.
Millers Falls Co.
Mohawk File & Tool Co.
Navan Products Inc.
Neise, Karl A.
Opto-Metric Tools Inc.
Pratt & Whitney Co. Inc.

Scherr-Tumico Co.
Sid Tool Co. Inc.
Slocomb Co., J. T.
Snap-On Tools Corp.
Starrett Co., The L. S.
Swedish Gage Co.
Swiss Precision Tool Co.
Taper Micrometer Corp.
Testing Machines Inc.
Van Keuren Co., The

MICROSCOPES, TOOLROOM

Alina Corp.
Amer. Optical Co., Safety
Products Div.
Amer. Slip Corp.
Ariz. Tool & Die Co.
Bauch & Lomb Optical Co.
Boeckeler Instrument Co.
Custom Scientific Instruments
Inc.
Davidson Optonics Inc.
Deaking & Son, J. A.
DoAll Co., The
Engis Equip. Co.
Ercona Corp.
Erinac Equip. Corp.
Gaertner Scientific Corp.
King Tester Corp.
Montgomery & Co. Inc.
Nikon Inc.
Opto-Metric Tools Inc.
Pacific Transducer Corp.
Scherr-Tumico Co.
Stocker & Hale Inc.
Swiss Precision Tool Co.
Zeiss Inc., Carl

MILLING ATTACHMENTS

Allen Alva Industries
Bridgeport Machines Inc.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Chi-Co. Inc.
Chicago Tool & Engrg. Co.
Cincinnati Milling & Grinding
Machines Inc.
Derbyshire Inc., F. W.
Detterbeck Co., L. G.
Dumore Precision Tools Co.
Giddings & Lewis Machine Tool
Co.
Gilman Inc., R. T.
Gorton Machine Co., George
Hardinge Brothers Inc.
Index Machine Co.
Loeffel Co. Inc., The Arthur
Master Mfg. Co.
McKay Machine Co., The
Montgomery & Co. Inc.
Mooradian Mfg. Co.
S & S Machinery Co.
Sid Tool Co. Inc.
Sieburg Industries
Sierra Machine Co.
Tree Tool & Die Works
Universal Vise & Tool Co.
Van Norman Machine Co., Div.
Van Norman Industries Inc.
Veet Industries
Waltham Machine Works Inc.

**MILLING CUTTERS, CARBIDE
TIPPED**

Wendt Sons Co.

MILLING CUTTERS, END

Acromatic Tool Co.
Adamas Carbide Corp.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
Arrow Tool & Reamer Co.
Atrax Co., The
B. S. A. Tools Ltd.
B & W Precision Products Co.
Barber-Colman Co. (Hobbing
Machines & Cutting Tools)
Beaver Cut Rotary File Co.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Chicago-Latrobe
Cincinnati Milling & Grinding
Machines Inc.
Coffey-Cummins Mfg. Co.
Colonial Tool Co.
Conical Tool Co.

Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Crobalt Inc.
Dexco Corp., Raymac Div.
Dixie Tool Industries
DoAll Co., The
Eclipse Counterbore Co.
Eclipse End Mill Div., Eclipse
Counterbore Co.
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Falcon Tool Co.
Ford Mfg. Co. Inc., M. A.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Gorton Machine Co., George
Greenfield Tap & Die Co., Div.
United-Greenfield Corp.
Hunt's Grinding & Mfg. Co.
Hutchins Co., Roy A.
Hyper Tool Co.
Ill. Tool Works, Machine &
Instrument Div.
Ingersoll Milling Machine Co.
Kennametal Inc.
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Malcus Tools Corp.
Marcoloy Inc.
Metal Removal Co., The
Modco Tools
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman
Industries Inc.
National Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc.
Onsrud Cutter Mfg. Co. Inc.
Pratt & Whitney Co. Inc.
Putnam Tool Co.
Reltool Corp.
Rico Tool Co.
Rotary Tool Co.
Schmarje Tool Co.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Sonnet Tool & Mfg. Co.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Stepool Corp.
Super Tool Co., Div. Van
Norman Industries
Sykes Machine & Gear Corp.
Thurston Mfg. Co.
Tomkins-Johnson Co.
Tressler Engrg. Products Div.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Weddell Tools Inc.
Weidon Tool Co., The
Wesson Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes
Willey's Carbide Tool Co.
Woodruff & Stokes Co. Inc.
Woodson Tool Co.

MILLING CUTTERS, FORM

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B. S. A. Tools Ltd.
B & W Precision Products Co.
Barber-Colman Co. (Hobbing
Machines & Cutting Tools)
Brown Co., R. F.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Crobalt Inc.
DoAll Co., The
Eastern Tool Co. Inc.
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Falcon Tool Co.
Form-All Mfg. Co.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.

Greenfield Tap & Die Co., Div.
United-Greenfield Corp.
Hunt's Grinding & Mfg. Co.
Hyper Tool Co.
Ill. Tool Works, Machine &
Instrument Div.
Ingersoll Milling Machine Co.
Jerpbak Bayless Co.
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Marcoloy Inc.
McCroskey Tool Corp.
Medeco Co., The
Modco Tools
Morgood Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
Onsrud Cutter Mfg. Co. Inc.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Reltool Corp.
Schmarje Tool Co.
Sid Tool Co. Inc.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Stepool Corp.
Sykes Machine & Gear Corp.
Thurston Mfg. Co.
Tressler Engrg. Products Div.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Waukegan Quality Tool Works
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.
Woodruff & Stokes Co. Inc.

**MILLING CUTTERS, HIGH-
HELIX**

Aber Engrg. Works Inc.
Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co. (Hobbing
Machines & Cutting Tools)
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tools Inc.
Cleveland Cutter & Reamer
Craig Tools Inc.
DoAll Co., The
F & D Tool Co. Inc.
Falcon Tool Co.
Goddard & Goddard Co.
Gorham Tool Co.
Hunt's Grinding & Mfg. Co.
Hyper Tool Co.
Ill. Tool Works, Machine &
Instrument Div.
Ingersoll Milling Machine Co.
Lovejoy Tool Co. Inc.
Marcoloy Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
Onsrud Cutter Mfg. Co. Inc.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Reltool Corp.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Super Tool Co., Div. Van
Norman Industries Inc.
Sykes Machine & Gear Corp.
Thurston Mfg. Co.
Tomkins-Johnson Co.
Union Twist Drill Co.
Waukegan Quality Tool Works
Wetmore Tool & Engrg. Co.
Whitman & Barnes

**MILLING CUTTERS, HOLLOW
ADJUSTABLE**

Amer. Cutter & Engrg. Corp.
Brown & Sharpe Mfg. Co.,
Cutting Tool Div.

PRODUCTS

MILLING CUTTERS, HOLLOW ADJUSTABLE (cont.)

Brubaker Tool Corp.
Carbide Tools Inc.
Cleveland Cutter & Reamer Co.
Gairing Tool Co.
Genesee Mfg. Co.
Goddard & Goddard Co.
Gorham Tool Co.
Lovejoy Tool Co. Inc.
Marcoloy Inc.
McCroskey Tool Corp.
Modco Tools
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Tool Co.
Niagara Cutter Div., Bollier-Damerell Inc.
O. K. Tool Co. Inc., The
Sid Tool Co. Inc.
Union Twist Drill Co.
Weddell Tools Inc.
Wetmore Tool & Engrg. Co.
Wirth & Son Inc., Carl
Woodruff & Stokes Co. Inc.

MILLING CUTTERS, INSERTED BLADE

Acromatic Tool Co.
Adamas Carbide Corp.
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
Arrow Tool & Reamer Co.
Beaver Tool & Engrg. Corp.
Bethlehem Steel Co.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Cleveland Cutter & Reamer Co.
Crafts Co. Inc., Arthur A. Croball Inc.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Futurmill Inc.
Gairing Tool Co.
Goddard & Goddard Co.
Gorham Tool Co.
Hunt's Grinding & Mfg. Co.
Ill. Tool Works, Machine & Instrument Div.
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Kennametal Inc.
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Marcoloy Inc.
McCroskey Tool Corp.
Modco Tools
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Niagara Cutter Div., Bollier-Damerell Inc.
O. K. Tool Co. Inc., The
Onsrud Cutter Mfg. Co. Inc.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Preferred Industries Inc.
Reltool Corp.
Sandvik Steel Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Standard Tool Co.
Star Cutter Co.
Steptool Corp.
Super Tool Co., Div. Van Norman Industries Inc.
Thurston Mfg. Co.
Tomkins-Johnson Co.
Union Twist Drill Co.
Vascoloy-Ramet Corp.
Viking Tool Co. Inc., The
Waukegan Quality Tool Works
Wesson Co.
Willey's Carbide Tool Co.

MILLING CUTTERS, PLAIN

Aber Engrg. Works Inc.
Acromatic Tool Co.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
Arrow Tool & Reamer Co.
B. S. A. Tools Ltd.
B & W Precision Products Co.
Barber-Colman Co. (Hobbing Machines & Cutting Tools)

Bethlehem Steel Co.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brubaker Tool Corp.
Burr & Son Inc., John T.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Cincinnati Milling & Grinding Machines Inc.
Cleveland Cutter & Reamer Co.
Crafts Co. Inc., Arthur A. Croball Inc.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
F & D Tool Co. Inc.
Futurmill Inc.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die Co., Div.
United-Greenfield Corp.
Hage Industrial Corp.
Hunt's Grinding & Mfg. Co.
Hyper Tool Co.
Ill. Tool Works, Machine & Instrument Div.
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Marcoloy Inc.
Modco Tools
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Newcomer Products Inc.
Niagara Cutter Div., Bollier-Damerell Inc.
O. K. Tool Co. Inc., The
Onsrud Cutter Mfg. Co. Inc.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Preferred Industries Inc.
Reltool Corp.
Sandvik Steel Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Standard Tool Co.
Star Cutter Co.
Steptool Corp.
Super Tool Co., Div. Van Norman Industries Inc.
Thurston Mfg. Co.
Tomkins-Johnson Co.
Union Twist Drill Co.
Vascoloy-Ramet Corp.
Viking Tool Co. Inc., The
Waukegan Quality Tool Works
Wesson Co.
Willey's Carbide Tool Co.

MILLING CUTTERS, SHELL

Acromatic Tool Co.
Adamas Carbide Corp.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
Arrow Tool & Reamer Co.
B. S. A. Tools Ltd.
B & W Precision Products Co.
Barber-Colman Co. (Hobbing Machines & Cutting Tools)
Beaver Tool & Engrg. Corp.
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Carbide Tools Inc.
Chicago-Latrobe
Cincinnati Milling & Grinding Machines Inc.
Cleveland Cutter & Reamer Co.
Crafts Co. Inc., Arthur A. Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
F & D Tool Co. Inc.
Futurmill Inc.
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die Co., Div.
United-Greenfield Corp.
Hunt's Grinding & Mfg. Co.
Hutchings Co., Roy A.
Hyper Tool Co.

Ill. Tool Works, Machine & Instrument Div.
Ingersoll Milling Machine Co.
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Marcoloy Inc.
McCroskey Tool Corp.
Modco Tools
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Newcomer Products Inc.
Niagara Cutter Div., Bollier-Damerell Inc.
O. K. Tool Co. Inc., The
Onsrud Cutter Mfg. Co. Inc.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Putnam Tool Co.
Reltool Corp.
Sandvik Steel Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Star Cutter Co.
Steptool Corp.
Super Tool Co., Div. Van Norman Industries Inc.
Thurston Mfg. Co.
Union Twist Drill Co.
Vascoloy-Ramet Corp.
Viking Tool Co. Inc., The
Waukegan Quality Tool Works
Wesson Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes
Willey's Carbide Tool Co.

MILLING CUTTERS, THREAD

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Barber-Colman Co. (Hobbing Machines & Cutting Tools)
Brown Co., R. F.
Butterfield Div., Union Twist Drill Co.
Cleveland Cutter & Reamer Co.
Detroit Tap & Tool Co.
DoAll Co., The
Everard Tap & Die Corp.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Goddard & Goddard Co.
Ill. Tool Works, Machine & Instrument Div.
Jerpak Bayless Co.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-Damerell Inc.
Pratt & Whitney Co. Inc.
Sheridan Products Inc.
Sid Tool Co. Inc.
Star Cutter Co.
Steptool Corp.
Union Twist Drill Co.

MILLING HEADS

Amer. Cutter & Engrg. Corp.
Barer Engrg. & Machinery Co. Ltd.
Barker Engrg. Co., Div.
Hohlfelder Co.
Bridgeport Machines Inc.
Cincinnati Electrical Tool Co., The
Evered Tool Co.
Famco Machine Co.
Field & Son Inc., Walter W.
Fitchburg Engrg. Corp.
Gairing Tool Co.
Gilman Inc., R. T.
Gorton Machine Co., George
Hoefler Mfg. Co.
Index Machine Co.
Kearney & Trecker Corp.
Klingelhof Machine Tool Corp., Albert
Lamb Co., F. Jos.
Lehmann-Fulton Boring Tool Co., Div. Fulton Iron Works Co.
Master Mfg. Co.
Mott & Merryweather Machinery Co., The
National Tool Co.
O. K. Tool Co. Inc., The
Onsrud Machine Co.
Precise Products Corp.

S & S Machinery Co.
Standard Electrical Tool Co.
U. S. Drill Head Co.

MILLING MACHINES ACCESSORIES

Advance Products Corp.
Amer. Cutter & Engrg. Corp.
Aahcomb Co.
Assoc. Machine Tool Corp.
Barker Engrg. Co., Div.
Hohlfelder Co.
Beaver Tool & Engrg. Corp.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Bridgeport Machines Inc.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Chi-Co. Inc.
Cincinnati Milling & Grinding Machines Inc.
Donley Products Inc., Jergens Div.
Edgecomb Engrg. & Engraving Co.
Ertnac Equip. Corp.
Giddings & Lewis Machine Tool Co.
Gilman Inc., R. T.
Glover Mfg. Co.
Gorton Machine Co., George
Hardinge Brothers Inc.
Hisey-Wolf Machine Co., The
Index Machine Co.
Ingersoll Milling Machine Co.
J & S Tool Co. Inc.
Kearney & Trecker Corp.
Kempamith Machine Co.
Lapointe Machine Co.
Loeffel Co. Inc., The
Arthur Lovejoy Tool Co. Inc.
M & M Tool & Mfg. Co.
Master Mfg. Co.
Montgomery & Co. Inc.
Neise, Karl A.
Northwestern Tools Inc.
Rogers Mfg. Co., Dayton
S & S Machinery Co.
Sieburg Industries
Sierra Machine Co.
U. S. Burke Machine Tool Co., The
Div. Cincinnati Mfg. Co.
Universal Engrg. Co.
Universal Vise & Tool Co.
Warner & Swasey Co., The
Control Instrument Div.

MILLING MACHINES ARBORS (see Arbors, Milling Machines)

MILLING MACHINES, BED

Assoc. Machine Tool Corp.
Barer Engrg. & Machinery Co.
Black Rock Mfg. Co., The
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Colonial Brush & Machine Co.
Cosa Corp.
DeVlieg Machine Co.
Fitchburg Engrg. Corp.
Gorton Machine Co., George
Hanchett Magna-Lock Corp., Magna-Lock Inc.
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Kent-Owens Machine Co.
Klingelhof Machine Tool Corp., Albert
Mott & Merryweather Machinery Co., The
Nichols Co., W. H.
Olivetti Corp. of Amer., Machine Tool Div.
Reinhard Bohle, Machine Tools Inc.
Special Machinery Div., Products Machine Co.
S & S Machinery Co.
Sieburg Industries
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
U. S. Tool Co. Inc.
Wender Presses Inc.

MILLING MACHINES, BENCH

Alina Corp.

Atlanta Machine & Mfg. Co.
Barer Engrg. & Machinery Co.
Ltd.
Barker Engrg. Co., Div.
Hohlfelder Co.
Benchmaster Mfg. Co.
Colonial Broach & Machine Co.
Derbyshire Inc., F. W.
Hardinge Brothers Inc.
Lloyd Tool Corp.
Precise Products Corp.
Rotex Punch Co. Inc.
Rouse & Co., H. B.
S & S Machinery Co.
Sheldon Machine Co. Inc.
U. S. Burke Machine Tool
Co., Div. Cincinnati Mfg. Co.

MILLING MACHINES, CIRCULAR

Bachmann Co. Inc., Eric R.
Fitchburg Engrg. Corp.
Hall Planetary Co. of Philadel-
phia
Ingersoll Milling Machine Co.
Reinhard Bohle, Machine
Tools Inc.
S & S Machinery Co.
Sheppard, Stanley
Sundstrand Machine Tool, Div.
Sundstrand Corp.

MILLING MACHINES, CONTOUR

Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Bridgeport Machines Inc.
Cincinnati Milling & Grinding
Machines Inc.
Colonial Broach & Machine Co.
Cosa Corp.
Erinac Equip. Corp.
Giddings & Lewis Machine Tool
Co.
Gorton Machine Co., George
Kearney & Trecker Corp.
Nichols Co., W. H.
New England Machine & Tool
Co.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
Reinhard Bohle, Machine
Tools, Inc.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Thurston Mfg. Co.
Tree Tool & Die Works
Turchan Follower Machine Co.
Wender Presses Inc.

MILLING MACHINES, DIE SINKING

Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Bridgeport Machines Inc.
Carney-Stansfield Co.
Cincinnati Milling & Grinding
Machines Inc.
Colonial Broach & Machine Co.
Cosa Corp.
Easco Products Inc.
Erinac Equip. Corp.
Giddings & Lewis Machine
Tool Co.
Gorton Machine Co., George
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Lapointe Machine Co.
Pratt & Whitney Co. Inc.
Reinhard Bohle, Machine
Tools Inc.
S & S Machinery Co.
Sigma Machinery Inc.
Turchan Follower Machine Co.
Wender Presses Inc.

MILLING MACHINES, HAND

Atlanta Machine & Mfg. Co.
Barer Engrg. & Machinery Co.
Ltd.
Benchmaster Mfg. Co.
Bridgeport Machines Inc.
Carney-Stansfield Co.
Clausing Div., Atlas Press Co.

Frew Machine Co., The
Index Industrial Corp.
Kent-Owens Machine Co.
Lapointe Machine Co.
Lloyd Tool Corp.
Loeffel Co. Inc., The Arthur
Nichols Co., W. H.
Reinhard Bohle Machine Tools
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Special Machinery Div.
Producto Machine Co.
Transmares Corp.

MILLING MACHINES, HORIZONTAL

Amer. Schless Corp.
Assoc. Machine Tool Corp.
Austin Industrial Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Benchmaster Mfg. Co.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Bullard Co., The
Carney-Stansfield Co.
Cincinnati Gilbert Machine
Tool Co., The
Cincinnati Milling & Grinding
Machines Inc.
Columbia International Corp.
Cosa Corp.
Davis & Thompson Co.
DeVlieg Machine Co.
Eastown Tool & Engrg. Co.
Erinac Equip. Corp.
Fitchburg Engrg. Corp.
Giddings & Lewis Machine Tool
Co.
Gorton Machine Co., George
Hardinge Brothers Inc.
Index Industrial Corp.
Index Machine Co.
Ingersoll Milling Machine Co.
International Machine & Tool
Corp.
Kearney & Trecker Corp.
Kempnith Machine Co.
Kent-Owens Machine Co.
Klingelhofer Machine Tool
Corp., Albert
Lapointe Machine Co.
Lucas Machine Div., The New
Britain Machine Co.
M & M Tool & Mfg. Co.
Motch & Merryweather Ma-
chinery Co., The
Nichols Co., W. H.
Portage Machine Co.
Rotex Punch Co. Inc.
Reinhard Bohle, Machine Tools
S & S Machinery Co.
Sheldon Machine Co. Inc.
Sheppard, Stanley
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Swift Ohio Corp.
Transmares Corp.
U. S. Tool Co. Inc.
Wender Presses Inc.

MILLING MACHINES, KNEE

Austin Industrial Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Benchmaster Mfg. Co.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding
Machines Inc.
Columbia International Corp.
Cosa Corp.
Famco Machine Co.
Gorton Machine Co., George
Hermes Machine Tool Co. Inc.
Index Industrial Corp.
Index Machine Co.
Kearney & Trecker Corp.
Kempnith Machine Co.
Klingelhofer Machine Tool
Corp., Albert

Lapointe Machine Co.
Motch & Merryweather Ma-
chinery Co., The
Nichols Co., W. H.
Reinhard Bohle Machine Tools
Inc.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
U. S. Burke Machine Tool Co.,
Div. Cincinnati Mfg. Co.
Wender Presses Inc.

MILLING MACHINES, PLANER

Amer. Schless Corp.
Assoc. Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co.
Ltd.
Burr & Son Inc., John T.
Carney-Stansfield Co.
Cosa Corp.
Fitchburg Engrg. Corp.
Giddings & Lewis Machine Tool
Co.
Gray Co., The G. A.
Ingersoll Milling Machine Co.
Klingelhofer Machine Tool
Corp., Albert
Morton Mfg. Co.
Olivetti Corp. of Amer.,
Machine Tool Div.
Reinhard Bohle Machine Tools
Inc.
Rockford Machine Tool Co.
S & S Machinery Co.
Sigma Machinery Inc.
Simplex Machine Tool Corp.
Sykes Machine & Gear Corp.
Veet Industries

MILLING MACHINES, PROFILING

Amer. Schless Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Brown & Sharpe Mfg. Co., Ma-
chine Tool Div.
Carney-Stansfield Co.
Cincinnati Gilbert Machine
Tool Co., The
Cincinnati Milling & Grinding
Machines Inc.
Colonial Broach & Machine Co.
Cosa Corp.
Erinac Equip. Corp.
Ex-Cell-O Corp., Detroit
Famco Machine Co.
Frew Machine Co., The
Giddings & Lewis Machine Tool
Co.
Gorton Machine Co., George
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Lapointe Machine Co.
New England Machine & Tool
Co.
Nichols Co., W. H.
Onsrud Machine Co.
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Thompson Mfg. Co., Earl A.
Turchan Follower Machine Co.
U. S. Burke Machine Tool Co.,
Div. Cincinnati Mfg. Co.
Walker Hydraulic Duplicator
Co.

MILLING MACHINES, RAM, SWIVEL-HEAD

Assoc. Machine Tool Corp.
Barer Engrg. & Machinery Co.
Ltd.
Black Rock Mfg. Co., The
Bridgeport Machines Inc.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding
Machines Inc.
Cosa Corp.
Famco Machine Co.
Gorton Machine Co., George
Ingersoll Milling Machine Co.

International Machine & Tool
Corp.
Kearney & Trecker Corp.
Morton Mfg. Co.
Reinhard Bohle, Machine Tools
Inc.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
U. S. Burke Machine Tool Co.,
Div. Cincinnati Mfg. Co.
Van Norman Machine Co.
Div. Van Norman Industries
Inc.
Wender Presses Inc.

MILLING MACHINES, SPECIAL PURPOSE

Kearney & Trecker Corp.
Moline Tool Co.
New England Machine & Tool
Co.

MILLING MACHINES, THREAD

Barer Engrg. & Machinery Co.
Ltd.
Coulter Machine Co., James
Hall Planetary Co. of Philadel-
phia
Kearney & Trecker Corp.
Lees-Bradner Co., The
Pratt & Whitney Co. Inc.
Reinhard Bohle, Machine Tools
Inc.
Russell, Holbrook & Hender-
son Inc.
S & S Machinery Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Waltham Machine Works Inc.
Wickes Corp., The Wickes
Machine Tool Div.

MILLING MACHINES, TURRET

Barer Engrg. & Machinery Co.
Ltd.
Bridgeport Machines Inc.
Cincinnati Milling & Grinding
Machines Inc.
Famco Machine Co.
Gorton Machine Co., George
Hermes Machine Tool Co. Inc.
Index Machine Co.
S & S Machinery Co.
Sheppard, Stanley
Tree Tool & Die Works

MILLING MACHINES, UNIVERSAL

Alina Corp.
Austin Industrial Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Ltd.
Bentley Industrial Corp.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding
Machines Inc.
Columbia International Corp.
Cosa Corp.
Erinac Equip. Corp.
Famco Machine Co.
Gorton Machine Co., George
Hermes Machine Tool Co. Inc.
Index Industrial Corp.
International Machine & Tool
Corp.
Kearney & Trecker Corp.
Kempnith Machine Co.
Klingelhofer Machine Tool
Corp., Albert
Lapointe Machine Co.
Loeffel Co. Inc., The Arthur
Reinhard Bohle, Machine Tools
Inc.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
Transmares Corp.
Wender Presses Inc.

MILLING MACHINES, VERTICAL

Alina Corp.
Austin Industrial Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.

PRODUCTS

MILLING MACHINES, VERTICAL (cont.)

Benchmark Mfg. Co.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Clausing Div., Atlas Press Co.
Columbia International Corp.
Cosa Corp.
Davis & Thompson Co.
Erinac Equip. Co.
Fanco Machine Co.
Fitchburg Engrg. Corp.
Gorton Machine Co., George
Hanchett Magna-Lock Corp., Magna-Lock Inc.
Hardinge Brothers Inc.
Homstrand Machine Tool Corp.
Index Industrial Corp.
Index Machine Co.
Ingersoll Milling Machine Co.
Kearney & Trecker Corp.
Kempnath Machine Co.
Kent-Owens Machine Co.
Klingelhoefer Machine Tool Corp., Albert
Knight Machinery Co., W. B.
Lapointe Machine Co.
Loeffel Co. Inc., The Arthur
M & M Tool & Mfg. Co.
Manex Machinery Corp.
Mott & Merryweather Machinery Co., The
Orban Co. Inc., Kurt
Reinhard Bohle Machine Tools Inc.
Rotex Punch Co. Inc.
S & S Machinery Co.
Sheppard, Stanley
Sigma Machinery Inc.
South Bend Lathe Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sykes Machine & Gear Corp.
Transmores Corp.
Tree Tool & Die Works
U. S. Tool Co. Inc.
Wender Presses Inc.

MILLS, FLAT ROLLING (see Rolling Mills, Flat)

MIST COLLECTORS (see Collectors, Mist)

MODELS & TEMPLATES, PLANT LAYOUT

Bing Flexible Shaft Div., Swartz & White Mfg. Co.
Buckeye Tools Corp.
City Tool Corp.
Hy-Du-Lignum Co.
Inter-Lakes Engrg. Co.
Merz Engrg. Inc.
Visual Plants Layout Inc.

MOLD BASES & ACCESSORIES, PLASTIC

Acme-Danneman Co. Inc.
Detroit Mold Engrg. Co.
Devcon Corp.
Die Set Div. Product Machine Co.
Formica Corp.
Hy-Du-Lignum Co.
Standard Die Set Co., Div.
Harsco Corp.
Standard Tool Co.

MOLD RELEASES (see Compounds)

MOLDING MACHINES, PLASTIC (see Presses, Injection Molding)

MOLDING PRESSES (see Presses, Molding)

MONOCHROMATIC LIGHTS

Acme Industrial Co.
Acme Scientific Co.
Fonda Gage Co. Inc.
Spitfire Tool & Machine Co.
Van Keuren Co., The
Zeiss Inc., Carl

MOLYBDENUM

Fansteel Metallurgical Corp.
Molybdenum Corp. of Amer.
Universal-Cyclops Steel Corp.

MOTOR CONTROLLER & STARTERS

Allen-Bradley Co.
Allis-Chalmers Mfg. Co.
Allis Co., The Louis
Clark Controller Co., The
Electro-Mation Assoc.
Furnas Electric Co.
General Controls Co.
General Electric Co., Apparatus Sales Div.
General Radio Co.
Micro Switch, Div. Minneapolis-Honeywell Co.
Square D Co.
Weltron Co.
Westinghouse Electric Corp.

MOTOR-GENERATOR SETS

Allis-Chalmers Mfg. Co.
Allis Co., The
Century Electric Co.
Fairbanks Morse & Co.
General Electric Co., Apparatus Sales Div.
Hobart Brothers Co.
Holtzer-Cabot Div., National Pneumatic Co.
Howell Electric Motors Co.
Kearfoot Div., General Precision Inc.
Leland Ohio Electric Co., Subsidiary
Marathon Electric Mfg. Co.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Robbins & Myers Inc., Motor Div.
Westinghouse Electric Corp.
Westinghouse Electric Corp.
Industrial Electronics Dept.

MOTORS, AIR

Aero Equip. Co., The
Bellows-Valvair, Div. IBEC
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleo Air Tools, Div. Reed
Koller Bit Co.
Doeden Tool Corp. Dotco
Pneumatic Tools
Gardner-Denver Co.
Gast Mfg. Corp.
General Controls Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Ingersoll-Rand Co.
Leiman Brothers Inc.
Le Roi Div., Westinghouse Air Brake Co.
Master Power Corp., Subsidiary
Black & Decker Mfg. Co., The
Newage Industries Inc.
Onsrud Machine Co.
Rotor Tool Co., The
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.

MOTORS, CLUTCH-BRAKE (see Ferguson Machine Corp. of Ind.)

MOTORS, ELECTRIC

Airborne Accessories Corp.
Allis-Chalmers Mfg. Co.
Allis Co., The Louis
Baldor Electric Co.
Brown-Brockmeyer Co., The
Century Electric Co.
Chicago Pneumatic Tool Co.
Delco Products, Div. General Motors Corp.
Doerr Electric Corp.
Dumore Precision Tools Co.
Electra Motors Inc.
Electro-Mation Assoc.
Emerson Electric Mfg. Co.
Fairbanks Morse & Co.
Fen Machine Co.
Ferguson Machine Corp.
General Controls Co.
General Electric Co., Apparatus Sales Div.

Holtzer-Cabot Div., National Pneumatic Co.
Howell Electric Motors Co.
Ingraham Co., The
Kearfoot Div., General Precision Inc.
Lamb Electric Co., The, Div.
Amer. Machine & Metals
Leland Ohio Electric Co. Subsidiary
Howell Electric Motors
Lincoln Electric Co., The
Mamco Corp.
Marathon Electric Mfg. Corp.
Northfield Foundry & Machine Co.
Onsrud Machine Co.
Pesco Products Div., Borg-Warner Corp.
Reeves Pulley Div.
Reliance Electric & Engrg. Co.
Reuland Electric Co.
Robbins & Myers Inc., Motor Div.
Smith Corp., A. O.
Standard Electrical Tool Co., The
Sterling Electric Motors Inc.
U. S. Electrical Motors Inc.
Wesche Electric Co., B. A.
Western Gear Corp.
Westinghouse Electric Corp.

MOTORS, HYDRAULIC

Adel Precision Products Div.
General Metals Corp.
Barnes Corp., John S.
Brown & Sharpe Mfg. Co., Hydraulics Div.
Chicago Pneumatic Tool Co.
Cincinnati Milling & Grinding Machines Inc.
Commercial Shearing & Stamp- ing Co.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Double A Products Co., Subsidiary
Brown & Sharpe Mfg. Co.
General Controls Co.
Hartmann Mfg. Co.
Hydraulic Press Mfg. Co., Div.
Koehring Co.
Link-Belt Co.
Oil-Dyne Inc.
Oilgear Co., The
Racine Hydraulics & Machinery Inc.
Sargent Engrg. Corp.
Thompson Mfg. Co., Earl A.
Vickers Inc.

MOUNTING, MACHINE VIBRATION DAMPENING

Amer. Felt Co.
Barry Controls Inc.
Consolidated Kinetics Corp.
Felters Co., The
Girard Assoc.
Houdaille Industries Inc.
Buffalo Hydraulics Div.
Korfund Co., The
Lord Mfg. Co.
Lowell Industries Inc.
Robinson Technical Products
Vibrations Mountings Inc.

MUFFLERS, AIR EXHAUST

Allied Witan Co. Inc.
Automatic Valve Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Mead Specialties Co.
Thor Power Tool Co.

MULTIPLE-STATION MACHINES, DIAL TYPE

Agnew Machine Co.
Ames Spot Welder Co. Inc.
Barnes Corp., John S.
Barth Corp., The
Baush Machine Tool Co.
Bedford Gear & Machine Products Inc.
Benerson Corp.
Bodine Corp., The
Buhr Machine Tool Co.
Carney-Stansfield Co.
Cimco Engrg. Co.
City Tool Corp.
Davis & Thompson Co.

Ferguson Machine Corp.
Fox Engrg. Co.
Hanover Tool Co. Inc.
Hause Machines Inc.
Hole Engrg. Service
Industrial Metal Products Corp.
Ingersoll Milling Machine Co.
Lamb Co., F. Jos.
Lemaire Machine Tool Co.
Liberty Tool & Die Corp.
Merz Engrg. Inc.
Morris Machine Tool Co.
National Automatic Tool Co. Inc.
National Jet Co.
Onsrud Machine Co.
Precision Detroit Co.
Snyder Corp.
Special Machine & Engrg. Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Swanson-Erie Corp.
Turner Bros. Inc.
USI Robodine Div. U. S. Industries Inc.
United Welders Inc.
Wilson Automation Co.

MULTIPLE-STATION MACHINES, TRANSFER TYPE

Agnew Machine Co.
Ames Spot Welder Co. Inc.
Bachmann Co. Inc., Eric R.
Barnes Corp., John S.
Barth Corp., The
Baush Machine Tool Co.
Bedford Gear & Machine Products Inc.
Benerson Corp.
Buhr Machine Tool Co.
Bullard Co., The
Carney-Stansfield Co.
Cimco Engrg. Co.
City Tool Corp.
Davis & Thompson Co.
Ex-Cell-O Corp., Detroit
Ferguson Machine Corp.
Fox Engrg. Co.
Gilman Inc., R. T.
Gorton Machine Co., George
Greenlee Brothers & Co.
Hanover Tool Co. Inc.
Industrial Metal Products Corp.
Ingersoll Milling Machine Co.
Lamb Co., F. Jos.
Lemaire Machine Tool Co.
Liberty Tool & Die Corp.
Merz Engrg. Inc.
Morris Machine Tool Co.
National Automatic Tool Co. Inc.
Onsrud Machine Co.
Snyder Corp.
Special Machine & Engrg. Inc.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Turner Bros. Inc.
USI Robodine Div. U. S. Industries Inc.
United Welders Inc.
Waterbury Farrel Foundry and Machine Co., The, Div. Textron Inc.
Wilson Automation Co.

NAMEPLATES

Acme Marking Equip. Co.
Acemark Co., The
Anderson & Sons Inc.
Brady Co., W. H.
Capitol Reproductions Inc.
Matthews & Co., Jas. H.
Mico Instrument Co.
PIC Design Corp.
Pannier Corp., The
Roovers-Lotch Corp.
Sensory Inc.
Topflight Corp., Div. Topflight Tool Co.
Westinghouse Electric Corp.
Worcester Stamp Co.
Wright & Sons, Gregg G.

NAPHTHA SOLVENTS (see Solvents, Naptha)

NIBBLERS, PORTABLE ELECTRIC
Black & Decker Mfg. Co., The
Buckeye Tools Corp.

Cosa Corp.
Easco Products Inc.
Jemco Tool Corp.
Modern Mfg. Co. Inc.
Montgomery & Co. Inc.
Ryerson & Son Inc., Joseph T.
Skill Corp.
Thor Power Tool Co.

NIBBLERS, PORTABLE PNEUMATIC

Buckeye Tools Corp.
Easco Products Inc.
Modern Mfg. Co. Inc.
Newage Industries Inc.

NIBBLING MACHINES

Amer. Pullmax Co. Inc.
Berkroy Products Co.
Beverly Shear Mfg. Co., The
Cosa Corp.
Heinrich Tools Inc.
Lennox Tool & Machine Builders
Montgomery & Co. Inc.
Optical Gaging Products Inc.
Punch Products Corp.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Savage Co., W. J.
Service Machine Co.
Wales Strippit Inc. Unit
Houdaille Industries Inc.
Wilson Mechanical Instrument Div. Amer. Chain & Cable Co.

NICKEL

Amer. Smelting & Refining Co.
Belmont Smelting & Refining Works Inc.
Bridgeport Brass Co.
International Nickel Co.
Mallory & Co. Inc. P. R.

NOZZLES, SANDBLAST

Clementina Ltd.
Diamondite Products Mfg. Co.
Norton Co., Refractories Div.
Wheelabrator Corp.

NUMBERING MACHINES

Acme Marking Equip. Co.
Acromark Co., The
Cadillac Stamp Co.
Defiance Machine & Tool Co.
Force & Co. Inc., Wm. A.
Matthews & Co., Jas. H.
Noble & Westbrook Mfg.
Pannier Corp., The
Schmidt Inc., Geo. T.
Sid Tool Co., Inc.

NUMERICAL CONTROL SYSTEMS

(see Control Systems, Numerical)

NUMERICAL TAPE

PREPARATION EQUIPMENT
Giddings & Lewis Machine Tool Co.
Hillyer Corp.
Jones & Lamson Machine Co.
Magnasync Corp.
Micro-Path Inc., Subsidiary
United Industrial Corp.
Stromberg-Carlson, General Dynamics Div.

NUT RUNNERS

Chicago Pneumatic Tool Co.
Cleco Air Tools, Div. Reed
Roller Bit Co.
Detroit Power Screwdriver Co.
Flaton Machine Works Inc.
Gardner-Denver Co.
Hunter Tools
Ingersoll-Rand Co.
Scully-Jones & Co.
Skill Corp.
Thor Power Tool Co.
Tomkins-Johnson Co., The

NUT RUNNER, PORTABLE

Airtool Mfg. Co., The
Aro Equip. Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div. Reed
Roller Bit Co.
Flaton Machine Works Inc.
Gardner-Denver Co.

Ingersoll-Rand Co.
Master Power Corp., Subsidiary
Black & Decker Mfg. Co., The
Newage Industries Inc.
Rotor Tool Co., The
Skill Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.

NUT RUNNER WRENCHES

Chicago Pneumatic Tool Co.
Cleco Air Tools, Div. Reed
Roller Bit Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Newage Industries Inc.
Rotor Tool Co., The
Supreme Products Corp.
Thor Power Tool Co.

NUTS

Aluminum Co. of Amer.
Beaver Tool & Engrg. Corp.
Bethlehem Steel Co.
Boyar-Schultz Corp.
Bultool Co., The
Crayton Co., F. M.
Danly Machine Specialties Inc.
Eaton Mfg. Corp., Reliance Div.
Elastic Stop Nut Corp. of Amer.
Elco Tool & Screw Corp.
Greer Stop Nut Co.
Hi-Shear Rivet Tool Co.
Jergens Tool Specialty Co.
Jerpak Bayless Co.
Lamson & Sessions Co., The
Lodging Inc.
Monroe Engrg. Products Inc.
National Screw & Mfg. Co.
Northwestern Tools Inc.
Nylok Corp., The
O.K. Tool Co. Inc., The
PIC Design Corp.
Painut Co., The United-Carr
Fastener Corp.
Pheoli Mfg. Co.
Precision Nut Co.
Prestole Corp.
Republic Steel Corp.
Rusan Inc.
Russell Burdsall & Ward Bolt & Nut Co.
Siewek Tool Co.
Standard Parts Co.
Standard Pressed Steel Co.
Standard Screw Co.
Standard Shop Equip. Co.
Star Stainless Screw Co.
Tietzmann Tool Corp.
Tubular Rivet & Stud Co.
Westfield Metal Products Co. Inc.
Wood & Spencer Co., The

NUT TAPPING MACHINES

(see Tapping Machines, Nut)

NYLON BEARINGS

(see Bearings, Nylon)

O-RINGS

Parker Seal Co. Div. Parker-Hannifin Corp.
Precision Rubber Products Corp.
Waltes Kohlnoor, Inc.

OILERS

Airmatic Valve Inc.
Bljur Lubricating Corp.
Bowen Products Corp.
Eagle Mfg. Co.
Farval Div., Eaton Mfg. Co.
Gits Brothers Mfg. Co.
Montgomery & Co. Inc.
Nupla Mfg. Co., Div. New Plastic Corp.
Nugent & Co. Inc., Wm. W.
Oil-Rite Corp.
Ridge Tool Co. The
Superior Pneumatic & Mfg. Inc.
Trico Fuse Mfg. Co.

OILERS, STOCK

Atlantic Refining Co. The
Automatic Feed Co.
Bel-Ray Co. Inc.
Durant Tool Co.
Graynilla Corp.
Kano Lab.
Littell Machine Co., F. J., Vacuumation Div.

Montgomery & Co., Inc.
PIC Design Corp.
Texaco Inc.
U. S. Tool Co., Inc.

OILS, QUENCHING & TEMPERING

Aldridge Industrial Oils Inc.
Atlantic Refining Co., The
Bel-Ray Co. Inc.
Continental Oil Co.
Esso Standard Div., Humble
Oil & Refining Co.
Flske Bros. Refining Co.
Lubriplate Div.
Gaertner Scientific Corp.
Gulf Oil Corp.
Houghton & Co., E. F.
Kerns Co., L. R.
Keystone Lubricating Co.
Metal Lubricants Co.
Mobil Oil Co.
National Refining Co. Div.
Ashland Oil & Refining Co.
Pate Oil Co.
Penola Oil Co.
Sanson & Sons Inc., Henry E.
Shell Oil Co.
Sinclair Refining Co.
Specialty Products Co.
Standard Oil Co. of Calif.
Western Operation Inc.
Standard Oil Co. of Ind.
Stuart Oil Co. Ltd., D. A.
Sun Oil Co.
Texaco Inc.
Valvoline Oil Co. Div. Ashland
Oil & Refining Co.
White & Bagley Co., The

OPTICAL COMPARATOR CHARTS (see Charts, Optical Comparator)

OPTICAL COMPARATORS (see Comparators, Optical)

OPTICAL FLATS

Acme Industrial Co.
Acme Scientific Co.
Amer. Optical Co.
Crane Packing Co.
Davidson Optonics Inc.
DoAll Co., The
Engis Equip. Co.
Fonda Gage Co. Inc.
Gaertner Scientific Corp.
Mahr Gage Co. Inc.
Scherr-Tumlico Co.
Simpson Optical Mfg. Co.
Splitfire Tool & Machine Co.
Swedish Gage Co.
Van Keuren Co., The
Zeiss Inc., Carl

OPTICAL PROJECTORS

Acme Scientific Co.
Amer. Optical Co., Safety
Products Div.
Amer. Slip Corp.
Bausch & Lomb Optical Co.
Cincinnati Milling & Grinding
Machines Inc.
DoAll Co., The
Engis Equip. Co.
Girard Assoc.
Hudson Automatic Machine & Tool Co.
Jones & Lamson Machine Co.
Optical Gaging Products Inc.
Opto-Metric Tools Inc.
Parker-Hartford Corp., The
Projecto-Graph Instruments Corp.
Scherr-Tumlico Co.
Stocker & Yale Inc.
Zeiss Inc., Carl

OSCILLOGRAPHS

Consolidated Electrodynamics Corp.
E P I C Inc.
Electro-Mation Assoc.
Engis Equip. Co.
General Electric Co. Apparatus Sales Div.

OUTBOARD BEARING SUPPORTS, MILLING MACHINES

Assoc. Machine Tool Corp.

J & S Tool Co. Inc.
S & S Machinery Co.

OVENS, DRYING

Amer. Instrument Co. Inc.
Blue M. Electric Co.
Circo Equip. Co.
Cooley Electric Mfg. Corp.
Dieterl Co., Harry W.
Electric Hotpack Co. Inc.
Fostoria Corp.
Grieve-Hendry Co. Inc.
Hayes Inc., C. I.
Hevi-Duty Electric Co. Div.
Basic Products Corp.
Hones Inc., Charles A.
Industrial Systems Co.
Kirk & Blum Mfg. Co., The
Lindberg Engrg. Co.
Magnus Chemical Co. Inc.
Mahon Co., The R. C.
Pennsalt Chemicals Corp.
Pereny Equip. Co. Inc.
Selas Corp. of Amer.
Stokes Corp., F. J.
Surface Combustion, Div.
Midland-Ross Corp.
Testing Machines Inc.

OVENS, INDUSTRIAL

Amer. Gas Furnace Co.
Amer. Instrument Co. Inc.
Blue M. Electric Co.
Cooley Electric Mfg. Corp.
DeVilbiss Co., The
Electric Hotpack Co. Inc.
Fostoria Corp.
General Electric Co., Apparatus Sales Div.
Grieve-Hendry Co. Inc.
Hayes Inc., C. I.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Hones Inc., Charles A.
Industrial Systems Co.
Kirk & Blum Mfg. Co., The
Lindberg Engrg. Co.
Mahon Co., The R. C.
Selas Corp. of Amer.
Stokes Corp., F. J.
Surface Combustion, Div.
Midland-Ross Corp.
Whiting Corp.

OVENS, SPECIAL ATMOSPHERE

Amer. Gas Furnace Co.
Amer. Instrument Co. Inc.
Electric Hotpack Co. Inc.
General Electric Co., Apparatus Sales Div.
Hayes Inc., C. I.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Holcroft & Co.
Hones Inc., Charles A.
Lindberg Engrg. Co.
Mahon Co., The R. C.
Selas Corp. of Amer.
Stokes Corp., F. J.
Surface Combustion, Div.
Midland-Ross Corp.
Tenney Engrg. Inc.

OVER-LOAD PROTECTORS, MACHINE

Anchor Steel & Conveyor Co.
Clark Controller Co., The
General Electric Co., Apparatus Sales Div.
Zero-Mac Co., The

PACKAGING MACHINERY

Amer. Electronics Inc., Industrial Machinery Div.
Baldwin-Lima-Hamilton Corp.
Batchelder Engrg. Co. Inc.
Benerson Corp.
Bostitch Inc.
Exact Weight Scale Co., The
Gisholt Machine Co.
Inter-Lakes Engrg. Co.
Liberty Tool & Die Corp.
Stokes Corp., F. J.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Universal Instrument Corp.
Wilson Automation Co.

PRODUCTS

Gits Brother Mfg. Co.

Amer. Felt Co.
Armstrong Cork Co.
Bushings Inc.
Chicago Rawhide Mfg. Co.
Crafts Co. Inc., Arthur A.
Crane Packing Co.
Garlock Packing Co., The
Gits Brothers Mfg. Co.
Houghton & Co., E. F.
Johns-Manville Sales Corp.
Navan Products Inc.
Newage Industries Inc.
Precision Rubber Products Corp.
Raybestos-Manhattan Inc., Manhattan Rubber Div.
Renewal Service Inc.
Rhoads & Sons, J. E.
Syntron Co.
U. S. Rubber Co.

PAINTING BOOTH EQUIPMENT SPRAY

Conforming Matrix Corp.
DeVilbiss Co., The
Eclipse Air Brush Co.
Finish Engrg. Co., The
Mahon Co., The R. C.
Mido Products
Pennsalt Chemicals Corp.

PAINTING EQUIPMENT, DIP

Blakeslee & Co., G. S.
Conforming Matrix Corp.
DeVilbiss Co., The
Eclipse Air Brush Co.
Mahon Co., The R. C.
Main & Sons Inc., Robert A.
Standard Portable Cord Co.

PAINT REMOVERS

Amer. Smelting & Refining Co.
CHIEF Sales Co.
Dextex Chemical Industries Inc.
Diversey Corp., The
Esbec Corp., The
Kellite Corp.
Kerns Co., L. R.
Magnus Chemical Co. Inc.
Mido Products
Northwest Chemical Co. Inc.
Oakite Products Inc.
Pennsalt Chemicals Corp.
Sanson & Sons Inc., Henry E.
West Chemical Products Inc.

PAINTS

Cabot Inc., Samuel
Magnus Chemical Co. Inc.
Sealube Co.
Sinclair Refining Co.
Wilbur & Williams Co. Inc.

PAINTS, TEMPERATURE INDICATING

Curtiss-Wright Corp., Princeton Div.
Markal Co.

PANELS, HYDRAULIC VALVE MOUNTING

Petch Mfg. Co.

PANTOGRAPH ATTACHMENTS, MILLING

Ashcombs Co.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Gorton Machine Co., George
Loeffel Co. Inc., The Arthur
Manex Machinery Corp.
Mico Instrument Co.
Preis Engraving Machine Co., H. P.

PANTOGRAPH MACHINES

AA Gage Co., Design Engrg. Div.
Antares Instruments Inc., Subsidiary A. F. Wilkens Inc.
Cosa Corp.
Gorton Machine Co., George
Loeffel Co. Inc., The Arthur
Manex Machinery Corp.
Mico Instrument Co.
Preis Engraving Machine Co., H. P.
S & S Machinery Co.
Scherr-Tumico Co.
Wales Strippit Inc., Unif
Houdaille Industries Inc.

PAPER, BLUEPRINT & PHOTOGRAPHIC

Capitol Reproductions Inc.
Eastman Kodak Co.

PAPER, DRAFTING & TRACING

ISIS Inc.
Warren-Knight Co.

PARALLELS, TOOLROOM

Accurite Surface Plate Co.
Acme Scientific Co.
Acme Tool Corp.
Auburn Machine Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bush Co., J. C.
Challenge Machinery Co., The
Collins Microflat Co.
Elkro Co., The
H B Tools
Hanchett Magna-Lock Corp., Magna-Lock Inc.
III. Metal Products
Inspection Devices Co. Inc., Div. of Corco Tool Co.
Lufkin Rule Co.
Magic City Machine & Tool Co.
Montgomery & Co. Inc.
Rahn Granite Surface Plate Co.
Scherr-Tumico Co.
Sid Tool Co. Inc.
Starrett Co., The L. S.
Stone Co., The Herman
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The

PHOSPHATE COATING COMPOUNDS (see Compounds, Phosphate Coating)

PHOSPHATE COATING EQUIPMENT

Blakeslee & Co., G. S.
Dextex Chemical Industries Inc.
DeVilbiss Co., The
Mahon Co., The R. C.
Pennsalt Chemicals Corp.

PHOTOGRAPHIC CHEMICALS

Barco Chemical Products Co.
Eastman Kodak Co.

PHOTOGRAPHIC EQUIPMENT

Copymation Inc.
Eastman Kodak Co.
Zeiss Inc., Carl

PIN GAGES (see Gages, Pin)

PINS, COTTER (see Cotter Pins)

PINS, DOWEL (see Dowel Pins)

PINS, GUIDE (see Guide Pins)

PINS, KNOCKOUT

Acme-Danneman Co. Inc.
Bethlehem Steel Co.
Main & Sons Inc., Robert A.
Viler Engrg. Corp., Subsidiary
Barry Controls Inc.

PINS, LEADER

Acme-Danneman Co. Inc.
Acme Industrial Co.
Die Set Div., Producto Machine Co.
Main & Sons Inc., Robert A.
Standard Die Set Co., Div.
Harsco Corp.
Union Mfg. Co.
U. S. Tool Co. Inc.

PINS, SPECIAL SHAPE

AA Gage Co., Design Engrg. Div.
A & C Engrg. Co. Inc.
Bagshaw Co. Inc., W. H.
Benerson Corp.
Bultool Co., The
Commercial Shearing & Stamping Co.
Hassall Inc., John
Main & Sons Inc., Robert A.
Morton Machine Works, Div.
Brubaker Tool Corp.

PIC Design Corp.
Ring Punch & Die Div., Producto Machine Co.
Size Control Co.
Standard Die Set Co., Div.
Harsco Corp.
Standard Horse Nail Corp.
Townsend Co., Engineered Fasteners Div.

PINS, TAPER

Acorn Iron & Supply Co.
Danly Machine Specialties Inc.
Morse Twist Drill & Machine Co., Div. Van Norman Industry Inc.
PIC Design Corp.
Size Control Co.
Standard Screw Co.
Standard Horse Nail Corp.
Standard Steel Specialty Co.
Star Stainless Screw Co.
Torrington Co., The

PIPE BENDING MACHINES (see Bending Machines)

PIPE FITTINGS (see Fittings, Pipe)

PIPE THREADING MACHINES

Armstrong Bros. Tool Co.
Beaver Pipe Tools Inc.
Collins Machinery Corp.
Pipe Machinery Co., The
Landis Machine Co.
Pottstown Machine Co.
Ridge Tool Co., The
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Toledo Pipe Threading Machine Co.

PIPE MILLS, ELECTRIC-WELD

Abbey Etna Machine Co.
Amer. Roller Die Corp.
McKay Machine Co., The
S & S Machinery Co.
Yoder Co., The

PLANER TOOLS

Amer. Cutter & Engrg. Corp.
Armstrong Bros. Tool Co.
Black & Decker Mfg. Co., The
Brown & Sharpe Mfg. Co., Industrial Products Div.
Carbide Tools Inc.
Craig Tools Inc.
Davis Div., Giddings & Lewis Machine Tool Co.
Hyper Tool Co.
Marcoloy Inc.
Montgomery & Co. Inc.
O.K. Tool Co. Inc., The
Flew Tool Corp.
Forster-Cable Machine Co.
Vascoloy-Ramet Corp.
Williams & Co., J. H.

PLANIMETERS & INTEGRATORS

E P I C Inc.
Pacific Transducer Corp.
Testing Machines Inc.

PLANING MACHINES, BREAST

Barer Engrg. & Machinery Co. Ltd.
Mesta Machine Co.

PLANING MACHINES, DOUBLE HOUSING

Amer. Waldrich Mfg. Corp.
Assoc. Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co. Ltd.
Carney-Stansfield Co.
Giddings & Lewis Machine Tool Co.
Girard Assoc.
Gray Co., The G. A.
Hermes Machine Tool Co. Inc.
Lapointe Machine Co.
Mesta Machine Co.
Rockford Machine Tool Co.
Rotex Punch Co. Inc.

S & S Machinery Co.
Sigma Machinery Inc.

PLANING MACHINES, OPEN SIDE

Amer. Waldrich Mfg. Corp.
Associated Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Barer Engrg. & Machinery Co.
Cleveland Planer, The
Giddings & Lewis Machine Tool Co.
Girard Assoc.
Gray Co., The G. A.
Hermes Machine Tool Co. Inc.
Lapointe Machine Co.
Mesta Machine Co.
Rockford Machine Tool Co.
Rockwell Mfg. Co.
S & S Machinery Co.
Sigma Machinery Inc.

PLANING MACHINES, PIT

Barer Engrg. & Machinery Corp.
S & S Machinery Co.

PLANING MACHINES, PLATE

Barer Engrg. & Machinery Co.
Girard Assoc.
Rockford Machine Tool Co.
S & S Machinery Co.
Sigma Machinery Inc.

PLANING MACHINES, POST

S & S Machinery Co.

PLANING MACHINES, ROTARY

S & S Machinery Co.

PLASTIC COATINGS

(see Coatings, Plastic)

PLASTIC MOLD BASES & ACCESSORIES (see Mold Bases & Accessories, Plastic)

PLASTIC MOLDING MACHINES (see Molding Machines, Plastic)

PLASTICS

Bakelite Co.
Devcon Corp.
Cincinnati Milling & Grinding Machines Inc.
Coast Mfg. & Supply Co.
Control Molding Co.
Couse & Bollen Co.
Dow Corning Corp.
Durez Plastics Div., Hooker Chemical Div.
Eastman Kodak Co.
Electro-Mation Assoc.
Firestone Plastics Co., Chemicals Div.
Formica Corp.
French Enterprises
Furane Plastics Inc.
Garlock Packing Co., The
Gisholt Machine Co.
Goodrich Industrial Products, B. F., Div. B. F. Goodrich Co.
Hysol Corp.
Hy-Du-Lignum Co. Inc.
Marblette Corp., The
Polymer Corp., The
Reichhold Chemical Inc.
Ren Plastics Inc.
Resistoflex Corp.
Rezolin Inc.
Ryerson & Son Inc., Joseph T.
Seal-Peel Inc.
Shell-Chemical Corp., Div. of Shell Oil Co.
Spaulding Fibre Co. Inc.
Union Carbide Plastics Co., Div. of Union Carbide Corp.
U. S. Gypsum Co.
U. S. Rubber Co.
Western Coating Co.
Westinghouse Electric Corp.

PLASTICS, METAL-FILLED

Allen Collet Mfg. Co.
Devcon Corp.
Electro-Mation Assoc.
Formica Corp.
Furane Plastics Inc.
Hysol Corp.
Marblette Corp., The
Ren Plastics Inc.
Rezolin Inc.
U. S. Gypsum Co.

PLATENS WELDING

Acorn Iron & Supply Co.
Mahon Co., The R. C.

PLATE ROLLS

Barer Engrg. & Machinery Co.
Ltd.
Bliss Co., E. W.
Girard Assoc.
Webb Corp., The

PLATES, BENCH

Acme Tool Corp.
Acorn Iron & Supply Co.
Bush Co., J. C.
Challenge Machinery Co., The
DoAll Co., The
Goodman Mfg. Co., Industrial
Mfg. Div.
Inspection Devices Co., Inc.,
Div. Corco Tool Co.
Lake Shore Inc.
Montgomery & Co. Inc.
Niagara Machine & Tool Works
Peck, Stow & Wilcox Co., The
Rahn Granite Surface Plate Co.
Selbert & Sons Inc.
Stone Co., The Herman
Taft-Peirce Mfg. Co., The
U. S. Tool Co. Inc.

PLATES, BOLSTER

Acme-Danneman Co. Inc.
Bliss Co., E. W.
Danly Machine Specialties Inc.
Die Set Div., Producto Machine
Co.
Federal Machine & Welder Co.
Lake Shore Inc.
Marathon Specialty Steels Inc.
Niagara Machine & Tool Works
Oberg Mfg. Co.
Punch Products Corp.
Sel Metal Products Co. Inc.
Standard Die Set Co., Div.
Harsco Corp.
Wilson Inc., K. R.

PLATES, FACE

Acme Tool Corp.
Mooradian Mfg. Co.
Simonds Saw & Steel Co.
Union Mfg. Co.
Universal Vise & Tool Co.

PLATES, SURFACE

Accurite Surface Plate Co.
Acme-Danneman Co. Inc.
Acme Tool Corp.
Acorn Iron & Supply Co.
Boice Gages Inc.
Borel & Dunner, Inc.
Bush Co., J. C.
Challenge Machinery Co., The
DoAll Co., The
Dunham Tool Co. Inc., The
Elkro Co., The
Goodman Mfg. Co., Industrial
Mfg. Div.
Inspection Devices Co., Inc.,
Div. Corco Tool Co.
International Nickel Co.
Lake Shore Inc.
Lawley Granite Surface Plate
Co. Inc.
Machine Products Corp.
Mahr Gage Co. Inc.
Mojave Granite Co.
Montgomery & Co. Inc.
Pratt & Whitney Co. Inc.
Precision Processing Co.
Rahn Granite Surface Plate Co.
Sel Metal Products Co. Inc.
Scherr-Tumlico Co.
Sidd Tool Co. Inc.
Stone Co., The Herman
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
U. S. Tool Co. Inc.

**PLATING & ANODIZING
EQUIPMENT**

Allied Research Products Inc.
Electro-Mation Assoc.
Metal & Thermit Corp.
Standard Portable Cord Co.
Stokes Corp., F. J.
Udyllite Corp., The
Unit Process Assemblies Inc.

**PLATING EQUIPMENT, HOT
DIP (see Galvanizing
Equipment)**

**PLATING EQUIPMENT,
VACUUM (see Metallizing)**

PLATING SOLUTIONS

Engelhard Industries Inc.
Lea-Mich. Inc.
Metal & Thermit Corp.
Mido Products
Westinghouse Electric Corp.

**PLUG VALVES (see Valves,
Plug)**

PLUGS, PIPE

Allen Mfg. Co.
DoAll Co., The
Mac-It Parts Co.
National Screw & Mfg. Co.
Parker-Kalon Div., General
Amer. Transportation
Standard Pressed Steel Co.
Weatherhead Co., The, Fort
Wayne Div.

**PLUMBS & LEVELS (see Levels
& Plumbs)**

**PNEUMATIC DEVICES,
SPECIAL**

Airmatic Valve Inc.
Aro Equip. Corp., The
Arrow Tools Inc.
Benerson Corp.
Bristol Co., The
Burklyn Co.
Carter Controls Inc.
Chicago Pneumatic Tool Co.
Clippard Instrument Laboratory
Inc.
Defiance Machine & Tool Co.
Dynapak Convair, Div. General
Dynamics Corp.
Electro-Mechano Co., The
Gilman Inc., R. T.
Hannifin Co., Div. Parker-
Hannifin Corp.
Humphrey Products Div., Gen-
eral Gas Light Co.
H. E. P. Mfg. Co. Inc.
I. S. I. Mfg. Inc.
Ingersoll-Rand Co.
Inter-Lakes Engrg. Co.
Jackson Fluid Power Co.
Mead Specialties Co.
Modernair Corp.
Moore Products Co.
Norgren Co., C. A.
Nu-Matic Grinders Inc.
Perfecting Service Co.
Porter Inc., H. E.
Production Devices Inc.
Ross Operating Valve Co.
Rotor Tool Co., The
S-P Mfg. Corp., The
Sargent Engrg. Corp.
Saxton Mfg. Co., Saurenman
Co. Inc.
Schrader's Son, A., Div. Scovill
Mfg. Co. Inc.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Thor Power Tool Co.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Winslow Products Engrg.

**POLISHERS, FLEXIBLE SHAFT
Strand Flexible Shaft Inc., N. A.**

**POLISHERS, PORTABLE
ELECTRIC**

Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Engis Equip. Co.
Foredom Electric Co. Inc.
Ingersoll-Rand Co.
Jones Motrola Corp.
Milwaukee Electric Tool Corp.
Porter-Cable Machine Co.
Rotor Tool Co., The
Skill Corp.
Sundstrand Machine Tool, Div.
Sundstrand Corp.

Thor Power Tool Co.
U. S. Electrical Tool Co.

**POLISHERS, PORTABLE
PNEUMATIC**

Altetool Mfg. Co., The
Aro Equip. Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
M-B Products Inc.
Master Power Corp., Black &
Decker Subsidiary
Remington Arms Co. Inc.
Rotor Tool Co., The
Skill Corp.
Sundstrand Machine Tool Co.,
Div. Sundstrand Corp.
Superior Pneumatic & Mfg.
Thor Power Tool Co.

**POLISHING & BUFFING
MACHINES, ABRASIVE BELT**

Bing Flexible Shaft Div.,
Swartz & White Mfg. Co.
Buckeye Tool Corp.
Delta Power Tool Div.,
Rockwell Mfg. Co.
Excelator Tool & Machine Co.
Grinding & Polishing Machinery
Corp.
Hammond Machinery Builders
Inc.
Hartford Special Machinery Co.
Hill Acme Co., The
Industrial Metal Products Corp.
Merit Products Inc.
Murray-Way Corp.
Oliver Machinery Co.
Production Machine Co.
Ryman Engrg. Co.
S & S Machinery Co.
Sales Service Machine Tool
Co. (Havir)
Standard Electrical Tool Co.,
The

**POLISHING & BUFFING
MACHINES, BENCH**

Baldor Electric Co.
Cincinnati Electrical Tool Co.,
The
Foredom Electric Co. Inc.
Grav-I-Flo Corp., The
Hammond Machinery Builders
Inc.
Hisey-Wolf Machine Co., The
Kramer Co. Inc., H. W.
Mooradian Mfg. Co.
Queen City Machine Tool Co.
Ryman Engrg. Co.
S & S Machinery Co.
Schauer Mfg. Corp.
Standard Electrical Tool Co., The
U. S. Electrical Tool Co.

**POLISHING & BUFFING
MACHINES, FLOOR**

Baldor Electric Co.
Breuer Electric Mfg. Co.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Cincinnati Electrical Tool Co.,
The
Clair Mfg. Co. Inc.
Frauenthal Div., The Kaydon
Engrg. Corp.
Grav-I-Flo Corp., The
Grinding & Polishing Machinery
Corp.
Hammond Machinery Builders
Inc.
Hisey-Wolf Machine Co., The
Johnson & Son Inc., S. C.
Kramer Co. Inc., H. W.
Murray-Way Corp.
Nicholas Equip. Co.
Porter McLeod Machine Tool Co.
Production Machine Co.
Queen City Machine Tool Co.
S & S Machinery Co.
Sales Service Machine Tool Co.
(Havir)
Schauer Mfg. Corp.
Standard Electrical Tool Co.,
The
U. S. Electrical Tool Co.

West Chemical Products Inc.
Wyzenbeek & Staff Inc.

**POLISHING & BUFFING
MACHINES, LATHE TYPE**

Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Cincinnati Electrical Tool Co.,
The
Hammond Machinery Builders
Inc.
Kramer Co. Inc., H. W.
Lea-Mich. Inc.
Murray-Way Corp.
Production Machine Co.
Ryman Engrg. Co.
S & S Machinery Co.
Schauer Mfg. Corp.
Standard Electrical Tool Co.,
U. S. Electrical Tool Co.

**POLISHING & BUFFING
MACHINES, MULTIPLE-HEAD**

Industrial Metal Products Corp.
Murray-Way Corp.
Production Machine Co.
S & S Machinery Co.
Sales Service Machine Tool Co.
(Havir)
Standard Electrical Tool Co.,

**POLISHING & BUFFING
MACHINES, SWING FRAME
Grinding & Polishing Machinery
Corp.**

Ryman Engrg. Co.
S & S Machinery Co.
U. S. Electrical Tool Co.

**PORTABLE POWER TOOLS
(see Drills, Nut Runners,
Grinders, Etc.)**

POSITIONERS, WELDING

Acorn Iron & Supply Co.
Aero Welder Mfg. Co.
Aronson Machine Co.
Boesch Mfg. Co. Inc.
Custanite Corp.
Diamond Products Mfg. Co.,
U. S. Ceramic Tile Div.
Eisler Engrg. Co. Inc.
Electro-Mation Assoc.
Ernst Equip. Corp.
Federal Machine & Welder Co.
General Hardware Mfg. Co., Inc.
Harnishfeger Corp.
Micro-Path Inc., Subsidiary
United Industries Corp.
Montgomery & Co. Inc.
National Electric Welding
Machines Co.
Northfield Foundry & Machine
Co.
Pandjiris Weldment Co.
Portomag Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sciaky Brothers Inc.
Standard Portable Cord Co.
Webb Corp., The
Wilton Tool Mfg. Co. Inc.

POSITIONERS, WORK

Advance Products Corp.
Aronson Machine Co.
Boesch Mfg. Co. Inc.
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Custanite Corp.
Dixon Automatic Tool Inc.
Eisler Engrg. Co. Inc.
Electro-Mation Assoc.
Gilman Inc., R. T.
Kenhos Corp. Div., George H.
Kendall
Micro-Path Inc., Subsidiary
United Industries Corp.
Montgomery & Co. Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Pandjiris Weldment Co.
Portomag Inc.
S & S Machinery Co.
Standard Portable Cord Co.
Universal Vise & Tool Co.
Wilton Tool Mfg. Co. Inc.

PRODUCTS

POTS & RETORTS, HEAT-TREAT

Hones Inc., Charles A.
Pottstown Machine Co.

POWDER METALS

Air Reduction Sales Co.
Aluminum Co. of Amer.
Belmont Smelting & Refining Works Inc.
Diamond Wheel Industries Inc.
Haynes Stellite Co., Div.
Union Carbide Corp.
International Nickel Co.
Mallory & Co. Inc., P. R.
Metal & Thermit Corp.
Mueller Brass Co.
New Jersey Zinc Co., The
Renewal Service Inc.
Republic Steel Corp.
Sintercast Div., Chromalloy Corp.
Vanadium-Alloys Steel Co.
Willey's Carbide Tool Co.

PRECIOUS METALS

Amer. Smelting & Refining, Federated Metals Div.
Engelhard Industries Inc.
Handy & Harman
Mallory & Co. Inc., P. R.

PRESERVATIVE-COATING EQUIPMENT

Allied Research Products Inc.
Bel-Ray Co. Inc.
Dettrex Chemical Industries Inc.
DeVilbiss Co., The
Murray-Way Corp.
Pennsalt Chemicals Corp.
Seal-Peel Inc.
Western Coating Co.

PRESERVATIVES (see Solutions, Protective Coating)

PRESS BRAKES (see Brakes)

PRESSES, ARBOR

Acco Equip. Div., Amer.
Chain & Cable Co.
Acromark Co., The
Bellows-Valvaiv, Div. IBEC
Dake Corp.
Dumont Corp., The
Famco Machine Co.
Greenerd Arbor Press Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Nugler Co., F. A.
Oliver Corp., The, A. B.
Farquhar Div.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sid Tool Co., Inc.
Snap-On Tools Corp.
Standard Tool Co.
Van Products Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Wilson Inc., K. R.

PRESSES, ASSEMBLY

Agnew Machine Co.
Allen Industries, Alva
Apex Broach Co. Inc.
Barnes Corp., John S.
Benerson Corp.
Black & Webster Inc.
Cimco Engrg. Co.
Clair Mfg. Co. Inc.
Colonial Broach & Machine Co.
Dake Corp.
Defiance Machine & Tool Co.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Detroit Broach & Machine Co.
Emhart Mfg. Co., Hudson Div.
Famco Machine Co.
Federal Machine Co. Inc.
Federal Machine & Welder Co.
Federal Press Co.
Ferguson Machine Corp.
Fox Engrg. Co.
General Mfg. & Engrg. Co.
Gray Equip. Co.
Greenerd Arbor Press Co.
Hannifin Co., Div. Parker-Hannifin Corp.

Hydraulic Press Mfg. Co.,

Div. Koehring Co.
Kenco Mfg. Co.
Lake Erie Machinery Corp.
Logansport Machine Co. Inc.
Mead Specialties Co.
Oliver Corp., The, A. B.
Farquhar Div.
Port Huron Machine Products Co.
Pottstown Machine Co.
Precision Detroit Co.
S & S Machinery Co.
Studebaker Hydraulic Products Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Whitney Metal Tool Co.
Wilson Automation Co.
Wilson Inc., K. R.

PRESSES, BENDING, HYDRAULIC (see also Bending Machines)

Apex Broach Co. Inc.
Arrowsmith Tool & Die Corp.
Baldwin-Lima-Hamilton Corp.
Bath Co., The Cyril
Beatty Machine & Mfg. Co.
Birdsboro Corp.
Bliss Co., E. W.
Buffalo Forge Co.
Chambersburg Engrg. Co.
Clearing Div., U. S. Industries Inc.
Cleveland Crane & Engrg. Co., The
Curvit Div., MacIodyne Corp.
Dake Corp.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Die-Draulic Grip Inc.
Erie Foundry Co.
General Mfg. & Engrg. Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
Kling Brothers Engrg. Works
Lake Erie Machinery Corp.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
M & N Modern Hydraulic Press Co. Inc.
Manco Mfg. Co.
Merz Engrg. Inc.
Niagara Machine & Tool Works
Nugler Co., F. A.
Oliver Corp., The, A. B.
Farquhar Div.
O'Neill-Irwin Mfg. Co.
Pacific Industrial Mfg. Co.
Richards Co., J. A.
Rodgers Hydraulic Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Taylor-Winsfield Corp.
Verson Allsteel Press Co.
Whitney Mfg. Co., W. A.
Williams, White & Co.
Wilson Automation Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, BROACHING

Apex Broach Co. Inc.
Birdsboro Corp.
California Broach Co.
Clearing Div., U. S. Industries Inc.
Colonial Broach & Machine Co.
Dake Corp.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Detroit Broach & Machine Co.
Greenerd Arbor Press Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Lapointe Machine Tool Co.
Rodgers Hydraulic Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sundstrand Machine Tool Co., Div. Sundstrand Corp.
Sundstrand-Amer. Broach, Div., Sundstrand Corp.
Verson Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Wilson Inc., K. R.

PRESSES, C-FRAME, HYDRAULIC

Acme Broach Corp.
Air-Hydraulics Inc.
Apex Broach Co. Inc.
Baldwin-Lima-Hamilton Corp.
Barnes Corp., John S.
Beatty Machine & Mfg. Co.
Birdsboro Corp.
Bliss Co., E. W.
Chambersburg Engrg. Co.
Cimco Engrg. Co.
Clearing Div., U. S. Industries
Colonial Broach & Machine Co.
Dake Corp.
Danly Machine Specialties Inc.
Denison Engrg. Co., Div. Amer.
Brake Shoe Co.
Detroit Broach & Mach. Co.
Die-Draulic Grip Inc.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Famco Machine Co.
Fjellman Amer. Inc.
Fox Engrg. Co.
Girard Assoc.
Gray Equip. Co.
Greenerd Arbor Press Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Hufford Corp., The
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lake Erie Machinery Corp.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
Logan Engrg. Co.
Logansport Machine Co. Inc.
M & N Modern Hydraulic Press Co. Inc.
Manco Mfg. Co.
Oliver Corp., The, A. B.
Farquhar Div.
Port Huron Machine Products
Punch Products Corp.
Rodgers Hydraulic Inc.
Rotex Punch Co. Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
United Welders Inc.
Verson Allsteel Press Co.
Wales Stripit Inc., Unit
Houdaille Industries Inc.
Watson-Stillman Press Div., Farrel-Birmingham Co. Inc.
Whitney Mfg. Co., W. A.
Williams & Co., White
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, C-FRAME, PNEUMATIC

Air-Hydraulics Inc.
Airmatic Valve Inc.
Allen Industries, Alva
Benchmaster Mfg. Co.
Birdsboro Corp.
Bliss Co., E. W.
Burr & Son Inc., John T.
Cimco Engrg. Co.
Cleveland Punch & Shear Works Co., The
Dynapak Convaiv Div., General Dynamics Corp.
Famco Machine Co.
Federal Machine & Welder Co.
Federal Press Co.
Gray Equip. Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Mead Specialties Co.
Niagara Machine & Tool Works
Port Huron Machine Products Works
Punch Products Corp.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Studebaker Hydraulic Products
United Welders Inc.
Wilson Inc., K. R.

PRESSES, COINING, EMBOSSEING

Acromark Co., The
Air-Hydraulics Inc.
Allen Industries, Alva
Apex Broach Co. Inc.
Birdsboro Corp.
Black & Webster Inc.
Bliss Co., E. W.

Chambersburg Engrg. Co.
Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Co., The
Dake Corp.
Decherts Machine Shop Inc.
Defiance Machine & Tool Co.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Detroit Broach & Machine Co.
Elmes Engrg. Div., Amer.
Steel Foundries
Federal Machine & Welder Co.
Haller Inc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Johnson Machine & Press Corp., Div. Bontrager Corp.
Kenco Mfg. Co.
L & J Press Corp.
Lake Erie Machinery Corp.
Loeffel Co. Inc., The Arthur
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B.
Farquhar Div.
Perkins Machine Co.
Rodgers Hydraulic Inc.
Roovers-Lotach Corp.
Ryerson & Son Inc., Joseph T.
Inc.
S & S Machinery Co.
Sales Service Machine Tool Co. (Havir)
Verson Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Wender Presses Inc.
Williams, White & Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, DIEING MACHINES

Alpha Press & Machine Inc.
Birdsboro Corp.
Carney-Stansfield Co.
Erinac Equip. Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
S & S Machinery Co.
Transnare Corp.
Verson Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.

PRESSES, DRAWING

Allen Industries, Alva
Baldwin-Lima-Hamilton Corp.
Birdsboro Corp.
Bliss Co., E. W.
Brown Boggs Foundry & Machine Co.
Cincinnati Milling & Grinding Machines Inc.
Clearing Div., U. S. Industries
Cleveland Crane & Engrg. Co.
Cleveland Punch & Shear Works Co., The
Cosa Corp.
Dake Corp.
Decherts Machine Shop Inc.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Dynapak Convaiv, Div. General Dynamics Corp.
Elmes Engrg. Div., Amer.
Steel Foundries
Emhart Mfg. Co., Hudson Div.
Famco Machine Co.
Federal Machine & Welder Co.
Federal Press Co.
Ferracute Machine Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Johnson Machine & Press Corp., Div. Bontrager Corp.
L & J Press Corp.
Lake Erie Machinery Corp.
M & N Modern Hydraulic Press Co. Inc.
Minster Machine Co., The
Niagara Machine & Tool Works

Oliver Corp., The, A. B.
Farquhar Div.
Perkins Machine Co.
Precision Welder & Flexopress Corp.
Rodgers Hydraulic Inc.
S & S Machinery Co.
Sales Service Machine Tool Co. (Havir)
Thunder Bay Mfg. Corp.
Transmores Corp.
Version Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Wender Presses Inc.
Williams, White & Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, EXTRUSION

Baldwin-Lima-Hamilton Corp.
Beatty Machine & Mfg. Co.
Birdsboro Corp.
Bliss Co., E. W.
Cincinnati Milling & Grinding Machines Inc.
Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Co., The
Decherts Machine Shop Inc.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Famco Machine Co.
Federal Machine & Welder Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
L & J Press Corp.
Lake Erie Machinery Corp.
Loeffel Co. Inc., The Arthur
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
M & N Modern Hydraulic Press Co. Inc.
National Machinery Co.
Oliver Corp., The, A. B.
Farquhar Div.
Precision Welder & Flexopress Corp.
S & S Machinery Co.
Stokes Corp., F. J.
Sutton Engrg. Co.
Transmores Corp.
Version Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Watson-Stillman Press Div., Farrel-Birmingham Co. Inc.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, FOOT OR KICK

Acromark Co., The
Barer Engrg. & Machinery Co. Inc.
Brown Boggs Foundry & Machine
Die Set Div., Product Machine Co.
Durant Tool Co.
Famco Machine Co.
Ferracute Machine Co.
High Speed Hammer Co. Inc., The
Lewthwaite Machine Co., T. H.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Standard Tool Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Whitney Metal Tool Co.

PRESSES, FORGING, HYDRAULIC

Baldwin-Lima-Hamilton Co.
Bethlehem Steel Co.
Birdsboro Corp.
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Dake Corp.
Dynapak Convair, Div. General Dynamics Corp.

Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lake Erie Machinery Corp.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
M & N Modern Hydraulic Press Co. Inc.
National Machinery Co.
Oliver Corp., The, A. B.
Farquhar Div.
S & S Machinery Co.
United Engrg. & Foundry Co.
Version Allsteel Press Co.
Wender Presses Inc.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, FOUR-SLIDE, MECHANICAL

Allen Industries, Alva
Baird Machine Co., The
Baldwin-Lima-Hamilton Corp.
Beatty Machine & Mfg. Co.
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Cleveland Crane & Engrg. Co., The
Girard Assoc.
Loeffel Co. Inc., The Arthur
Nilson Machine Co., The A. H.
Oliver Corp., The, A. B.
Farquhar Div.
S & S Machinery Co.
U. S. Tool Co. Inc.
Version Allsteel Press Co.

PRESSES, GAP-FRAME, MECHANICAL

Allen Industries, Alva
Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co. Inc.
Beatty Machine & Mfg. Co.
Benchmark Mfg. Co.
Bliss Co., E. W.
Brown Boggs Foundry & Machine
Clearing Div., U. S. Industries Inc.
Cleveland Crane & Engrg. Co., The
Cleveland Punch & Shear Works Co., The
Cosa Corp.
Danly Machine Specialties Inc.
Decherts Machine Shop Inc.
Emhart Mfg. Co., Hudson Div.
Famco Machine Co.
Federal Machine & Welder Co.
Federal Press Co.
Ferracute Machine Co.
Jackson Fluid Power Co.
Johnson Machinery & Press Corp., Div. Bontrager Corp.
Kux Machine Co.
L & J Press Corp.
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B.
Farquhar Div.
Perkins Machine Co.
Precision Welder & Flexopress Corp.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Service Machine Co.
Springfield Machine Tool Co.
Thomas Machine Mfg. Co.
Version Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Wender Presses Inc.

PRESSES, HOBBING

Haller Inc.

PRESSES, HORNING, MECHANICAL

Bliss Co., E. W.
Brown Boggs Foundry & Machine

Clearing Div., U. S. Industries Inc.
Cleveland Crane & Engrg. Co., The
Cleveland Punch & Shear Works Co., The
Danly Machine Specialties Inc.
Decherts Machine Shop Inc.
Emhart Mfg. Co., Hudson Div.
Federal Machine & Welder Co.
Ferracute Machine Co.
Johnson Machine & Press Corp., Div. Bontrager Corp.
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B.
Farquhar Div.
Perkins Machine Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Service Machine Co.
Thomas Machine Mfg. Co.
Version Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Whitney Metal Tool Co.

PRESSES, HOUSING TYPE, PNEUMATIC

Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Hannifin Co., Div. Parker-Hannifin Corp.
S & S Machinery Co.

PRESSES, HORIZONTAL, HYDRAULIC

Acco Equip. Div., Amer.
Chain & Cable Co.
Apex Broach Co. Inc.
Barer Engrg. & Machinery Co. Ltd.
Barnes Corp., John S.
Beatty Machine & Mfg. Co.
Birdsboro Corp.
Bliss Co., E. W.
Carney-Stansfield Co.
Chambersburg Engrg. Co.
Clearing Div., U. S. Industries Inc.
Colonial Broach & Machine Co.
Dake Corp.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Detroit Broach & Machine Co.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Fox Engrg. Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Jackson Fluid Power Co.
Kling Bros. Engrg. Works
Lake Erie Machinery Corp.
Logan Engrg. Co.
Logansport Machine Co. Inc.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
M & N Modern Hydraulic Press Co. Inc.
Oliver Corp., The, A. B.
Farquhar Div.
Punch Products Corp.
Rodgers Hydraulic Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Springfield Cast Products Inc.
Version Allsteel Press Co.
Williams, White & Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, HYDRAULIC, MANUAL

Acco Equip. Div., Amer.
Chain & Cable Co.
Amer. Instrument Co. Inc.
Apex Broach Co. Inc.
Bliss Co., E. W.
Carney-Stansfield Co.
Chambersburg Engrg. Co.
Clair Mfg. Co. Inc.
Dake Corp.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Detroit Broach & Machine Co.

Die-Draulic Grip Inc.
Elmes Engrg. Div., Amer.
Steel Foundry
General Mfg. & Engrg. Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Link Engrg. Co.
M & N Modern Hydraulic Press Co. Inc.
Mico Instrument Co.
Oliver Corp., The, A. B.
Farquhar Div.
Porter Inc., H. K.
Punch Products Corp.
Rodgers Hydraulic Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Snap-On Tools Corp.
Studebaker Hydraulic Products Co.
Sutton Engrg. Co.
Version Allsteel Press Co.
Wilson Inc., K. R.

PRESSES, INJECTION-MOLDING

Baldwin-Lima-Hamilton Corp.
Detroit Broach & Machine Co.
Fellows Gear Shaper Co.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lewis Welding & Engrg. Corp., The
Logan Engrg. Co.
Reed-Prentice Div., Package Machinery Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Standard Tool Co.
Stokes Corp., F. J.
Version Allsteel Press Co.
Watson-Stillman Press Div., Farrel-Birmingham Co. Inc.
Wilson Inc., K. R.

PRESSES, METAL POWDER FORMING

Baldwin-Lima-Hamilton Corp.
Birdsboro Corp.
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Decherts Machine Shop Inc.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Haller Inc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lake Erie Machinery Corp.
Oliver Corp., The, A. B.
Farquhar Div.
Rodgers Hydraulic Inc.
S & S Machinery Co.
Stokes Corp., F. J.
Version Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Wilson Inc., K. R.

PRESSES, MOLDING

Birdsboro Corp.
Bliss Co., E. W.
Dake Corp.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Detroit Broach & Machine Co.
Elmes Engrg. Div. Amer.
Steel Foundries
Erie Foundry Co.
Greenard Arbor Press Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lake Erie Machinery Corp.
M & N Modern Hydraulic Press Co. Inc.
New England Butt Co., Div. Wanauck Co.
Oliver Corp., The, A. B.
Farquhar Div.
Rodgers Hydraulic Inc.
S & S Machinery Co.
Springfield Cast Products Inc.

PRODUCTS

PRESSES, MOLDING (cont.)

Verson Allsteel Press Co.
Williams, White & Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, NOTCHING

Allen Industries, Alva
Amer. Roller Die Corp.
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Cosa Corp.
Elmes Engrg. Div., Amer.
Steel Foundries
Emhart Mfg. Co., Hudson Div.
Federal Machine & Welder Co.
Ferracute Machine Co.
Kenco Mfg. Co.
Oliver Corp., The, A. B.
Farquhar Div.
O'Neill-Irwin Mfg. Co.
Punch Products Corp.
S & S Machinery Co.
Taylor-Winfield Corp.
Transmores Corp.
Verson Allsteel Press Co.
Wales Stripplitt Inc., Unit
Houdaille Industries Inc.
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.
Whitney Mfg. Co., W. A.
Wilson Inc., K. R.

PRESSES, OBI, MECHANICAL

Allen Industries, Alva
Barer Engrg. & Machinery Co. Ltd.
Benchmaster Mfg. Co.
Bliss Co., E. W.
Brown Boggs Foundry & Machine Co.
Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Co., The
Cosa Corp.
Dandy Machine Specialties Inc.
Decherts Machine Shop Inc.
Emhart Mfg. Co., Hudson Div.
Famco Machine Co.
Federal Machine & Welder Co.
Federal Press Co.
Ferracute Machine Co.
Johnson Machine & Press Corp., Div. Bontrager Corp.
Kenco Mfg. Co.
L & J Press Corp.
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B.
Farquhar Div.
Perkins Machine Co.
Ryerson & Son Inc., Joseph T. S & S Machinery Co.
Sales Service Machine Tool Co. (Havir)
Service Machine Co.
Thomas Machine Mfg. Co.
Verson Allsteel Press Co.
Waterbury Farrel Foundry & Machine Div., Textron Inc., Co.
Webb Corp., The
Wender Presses Inc.
Whitney Metal Tool Co.

PRESSES, OPEN ROD, HYDRAULIC

Barnes Corp., John S.
Birdsboro Corp.
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Dake Corp.
Dandy Machine Specialties Inc.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Jackson Fluid Power Co.
Lake Erie Machinery Corp.
Link Engrg. Co.
Logan Engrg. Co.
M & N Modern Hydraulic Press Co. Inc.

Oliver Corp., The, A. B.
Farquhar Div.
Rodgers Hydraulic Inc.
S & S Machinery Co.
Verson Allsteel Press Co.
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.
Watson-Stillman Press Div., Farrel-Birmingham Co. Inc.
Wender Presses Inc.
Williams White & Co.
Wood Co., R. D.

PRESSES, OPEN ROD, PNEUMATIC

Bliss Co., E. W.
Hannifin Co., Div. Parker-Hannifin Corp.
Jackson Fluid Power Co.
S & S Machinery Co.

PRESSES, PUNCH, MECHANICAL

Acromark Co., The
Allen Industries, Alva
Baird Machine Co., The
Barer Engrg. & Machinery Co. Ltd.
Beatty Machine & Mfg. Co.
Benchmaster Mfg. Co.
Bliss Co., E. W.
Brandes Press Co., The
Brown Boggs Foundry & Machine Co.
Clearing Div., U. S. Industries Inc.
Cleveland Crane & Engrg. Co., The
Cleveland Punch & Shear Works Co., The
Cosa Corp.
Decherts Machine Shop Inc.
Emhart Mfg. Co., Hudson Div.
Excelsior Tool & Machine Co.
Famco Machine Co.
Federal Machine & Welder Co.
Federal Press Co.
Ferguson Machine Corp.
Ferracute Machine Co.
Hendley & Whittemore Co.
Johnson Machine & Press Corp., Div. Bontrager Corp.
L & J Press Corp.
Lewthwaite Machine Co., T. H.
Minster Machine Co., The
Modern Mfg. Co. Inc.
Morton Mfg. Co.
Niagara Machine & Tool Works Co.
Oliver Corp., The, A. B.
Farquhar Div.
O'Neill-Irwin Mfg. Co.
Perkins Machine Co.
Precision Welder & Flexopress Corp.
Ryerson & Son Inc., Joseph T. S & S Machinery Co.
Sales Service Machine Tool Co. (Havir)
Service Machine Co.
Stokes Corp., F. J.
Thomas Machine Mfg. Co.
Thunder Bay Mfg. Corp.
Verson Allsteel Press Co.
Wales Stripplitt Inc., Unit
Houdaille Industries Inc.
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.
Wender Presses Inc.
Whitney Metal Tool Co.
Wiedemann Machine Co.
Williams, White & Co.

PRESSES, QUENCHING

Dake Corp.
Gleason Works
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Lake Erie Machinery Corp.
Oliver Corp., The, A. B.
Farquhar Div.
S & S Machinery Co.
Williams, White & Co.

PRESSES, RACK & PINION, MANUAL

Dake Corp.
Greenard Arbor Press Co.
S & S Machinery Co.

PRESSES, RUBBER FORMING

Baldwin-Lima-Hamilton Corp.
Clearing Div., U. S. Industries Inc.
Coulter Machine Co., James
Denison Engrg. Div., Amer.
Brake Shoe Co.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Fjellman Amer. Inc.
Hydraulic Press Mfg. Co., Div. Loehring Co.
Lake Erie Machinery Corp.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
M & N Modern Hydraulic Press Co. Inc.
Oliver Corp., The, A. B.
Farquhar Div.
S & S Machinery Co.
Transmores Corp.
Verson Allsteel Press Co.
Wender Presses Inc.
Williams, White & Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, SCREW, MANUAL

Adjustable Clamp Co.
Brown Boggs Foundry & Machine Co.
Dake Corp.
Decherts Machine Shop Inc.
General Mfg. & Engrg. Co.
Lewthwaite Machine Co., T. H.
Perkins Machine Co.
S & S Machinery Co.
Testing Machines Inc.
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.

PRESSES, SPECIAL PURPOSE, HYDRAULIC

Agnew Machine Co.
Alpha Press & Machine Inc.
Apex Broach Co. Inc.
Arrowsmith Tool & Die Corp.
Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co. Ltd.
Barnes Corp., John S.
Benerson Corp.
Bethlehem Steel Co.
Birdsboro Corp.
Bliss Co., E. W.
Carney-Stansfield Co.
Chambersburg Engrg. Co.
Cimco Engrg. Co.
Clair Mfg. Co. Inc.
Clearing Div., U. S. Industries Inc.
Colonial Broach & Machine Co.
Dake Corp.
Dandy Machine Specialties Inc.
Defiance Machine & Tool Co.
Denison Engrg. Div., Amer.
Brake Shoe Co.
Die Set Div., Producto Machine Co.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Erinac Equip. Corp.
Fjellman Amer. Inc.
Fox Engrg. Co.
General Mfg. & Engrg. Co.
Girard Assoc.
Gray Equip. Co.
Greenlee Brothers & Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Hydraulic Press Mfg. Co., Div. Koehring Co.
Jackson Fluid Power Co.
Lake Erie Machinery Corp.
Link Engrg. Co.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
Logan Engrg. Co.
Logansport Machine Co. Inc.
M & N Modern Hydraulic Press Co. Inc.
Manco Mfg. Co.
Merz Engrg. Inc.
Oliver Corp., The, A. B.
Farquhar Div.
Palley Supply Co.
Porter Inc., H. K.
Port Huron Machine Products Co.

Progressive Welder Sales Co.
Punch Products Corp.
Rodgers Hydraulic Inc.
S & S Machinery Co.
Schmidt Inc., Geo. T.
Special Machinery Div., Producto Machine Co.
Springfield Cast Products Inc.
Stokes Corp., F. J.
Vail Engrg. Co., The
Verson Allsteel Press Co.
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.
Whitney Mfg. Co., W. A.
Williams, White & Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, SPECIAL-PURPOSE, PNEUMATIC

Air-Mite Devices Inc.
Benerson Corp.
Bliss Co., E. W.
Chambersburg Engrg. Co.
Cimco Engrg. Co.
Dake Corp.
Defiance Machine & Tool Co.
Erinac Equip. Corp.
General Mfg. & Engrg. Co.
Gray Equip. Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Jackson Fluid Power Co.
Logansport Machine Co. Inc.
Mead Specialties Co.
Merz Engrg. Inc.
Noble & Westbrook Mfg. Co.
Port Huron Machine Products Co.
Precision Detroit Co.
Production Devices Inc.
Progressive Welder Sales Co.
Punch Products Corp.
S & S Machinery Co.
Schmidt Inc., Geo. T.
Verson Allsteel Press Co.

PRESSES, STRAIGHT SIDE, HYDRAULIC

Baldwin-Lima-Hamilton Corp.
Bliss Co., E. W.
Carney-Stansfield Co.
Chambersburg Engrg. Co.
Clearing Div., U. S. Industries Inc.
Dandy Machine Specialties Inc.
Detroit Broach & Machine Co.
Elmes Engrg. Div., Amer.
Steel Foundries
Erie Foundry Co.
Girard Assoc.
Hannifin Co., Div. Parker-Hannifin Corp.
Lake Erie Machinery Corp.
Loewy-Hydropress, Baldwin-Lima-Hamilton Corp.
Logan Engrg. Co.
M & N Modern Hydraulic Press Co. Inc.
Oliver Corp., The, A. B.
Farquhar Div.
Pacific Industrial Mfg. Co.
Punch Products Corp.
Rodgers Hydraulic Inc.
Ryerson & Son Inc., Joseph T. S & S Machinery Co.
Verson Allsteel Press Co.
Watson-Stillman Press Div., Farrel-Birmingham Co. Inc.
Wender Presses Inc.
Williams, White & Co.
Wilson Inc., K. R.
Wood Co., R. D.

PRESSES, STRAIGHT SIDE, MECHANICAL

Allen Industries, Alva
Baldwin-Lima-Hamilton Corp.
Barer Engrg. & Machinery Co. Ltd.
Bath Co., The Cyril
Beatty Machine & Mfg. Co.
Bliss Co., E. W.
Brown Boggs Foundry & Machine Co.
Chambersburg Engrg. Co.
Clearing Div., U. S. Industries Inc.
Cleveland Crane & Engrg. Co., The

Cleveland Punch & Shear Works Corp.
Dandy Machine Specialties Inc.
Decherts Machine Shop Inc.
Emhart Mfg. Co., Hudson Div.
Erie Foundry Co.
Federal Machine & Welder Co.
Ferracute Machine Co.
Girard Assoc.
Johnson Machine & Press Corp.
Div. Bontrager Corp.
L & J Press Corp.
Minster Machine Co., The
Niagara Machine & Tool Works
Oliver Corp., The, A. B.
Farquhar Div.
Perkins Machine Co.
Precision Welder & Flexopress Corp.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sales Service Machine Tool Co. (Havir)
Service Machine Co.
Taylor-Winfield Corp.
Thomas Machine Mfg. Co.
Thunder Bay Mfg. Corp.
Version Allsteel Press Co.
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.
Wender Presses Inc.
Wilson Inc., K. R.

PRESSES, STRAIGHTENING

Anderson Bros. Mfg. Co.

PRESSES, TRANSFER, MECHANICAL

Baird Machine Co., The
Bliss Co., E. W.
Clearing Div., U. S. Industries Inc.
Cleveland Punch & Shear Works Corp.
Emhart Mfg. Co., Hudson Div.
Federal Machine Co. Inc.
Federal Machine & Welder Co.
Fenn Mfg. Co., The
Ferguson Machine Corp.
Ferracute Machine Co.
Girard Assoc.
I. S. I. Mfg. Inc.
Livermores Engrg. Co.
M & N Modern Hydraulic Press
Perkins Machine Co.
S & S Machinery Co.
Sahlin Engrg. Co. Inc.
Stokes Corp., F. J.
Transmores Corp.
Version Allsteel Press Co.
Waterbury Farrel Foundry & Machine Co., Div. Textron Inc.
Wender Presses Inc.

PRESSES, TURRET PUNCH

O'Neill-Irwin Mfg. Co.
Otex Punch Co. Inc.
S & S Machinery Co.
Version Allsteel Press Co.
Wiedemann Machine Co.

PRESSES, WELDING

Bliss Co., E. W.

PRESSURE GAGES

Air Reduction Sales Co.
Amer. Instrument Co. Inc.
Arrow Tools Inc.
Bristol Co., The
Chicago Pneumatic Tool Co.
Daystrom Inc., Weston Instrument Div.
Decker Corp., The
General Controls Co.
General Electric Co., Apparatus Sales Div.
Girard Assoc.
Helicoid Gage Div., Amer.
Chain & Cable Co.
Minneapolis-Honeywell Regulator Co.
Newton Hydraulic Tooling Co.
Scherr-Tumlico Co.
Stokes Corp., F. J.
Studebaker Hydraulic Products
Superior Pneumatic & Mfg. Co.
Testing Machines Inc.
Thor Power Tool Co.

U. S. Gauge Div., Amer.
Machine & Materials Inc.
Vickers Inc.

PRESSURE REGULATORS, AIR

Air-Mite Devices Inc.
Air Reduction Sales Co.
Automatic Valve Inc.
Allen-Bradley Co.
Arrow Tools Inc.
Bellows-Valvair, Div. of IBEC
Bristol Co., The
Chicago Pneumatic Tool Co.
Cleco Air Tools
Daystrom Inc., Weston Instrument Div.
DeVilbiss Co., The
Dockson Corp.
Gardner-Denver Co.
General Controls Co.
Gibbs Bros. Mfg. Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Kilpfel Valves Inc.
Leslie Co.
Lloyd Tool Corp.
M-B Products Inc.
Mead Specialties Co.
Moore Products Co.
Neilsen Inc., E. V.
Norgren Co., C. A.
Perfecting Service Co.
Schrader's Son, A. Div.
Secovill Mfg. Co. Inc.
Superior Pneumatic & Mfg. Co.
Thor Power Tool Co.
United Electric Controls
Watts Regulator Co.
Wilkerson Corp.

PRESSURE TESTING MACHINES (see Testing Machines)

PROTECTIVE COATING (see Solutions, Protective Coating)

PROTECTIVE DEVICES

Air Reduction Sales Co.
Allen-Bradley Co.
Bristol Co., The
Central Safety Equip. Co.
Dillon & Co. Inc., W. C.
Electro-Motion Assoc.
General Automation Corp.
Junkin Safety Appliance Co.
Neilsen Inc., E. V.
Presin Co.
Press Automation Systems
Sealcof Corp., Industrial Products Div.
Seneca Falls Machine Co.
Standard Instrument Corp., Div. of Heat-Timer Corp.
Western Gear Corp.
Westinghouse Electric Corp.

PROTRACTORS, UNIVERSAL BEVEL

Allina Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bruning Co. Inc., Chas.
Cullen Mfg. Co.
Lufkin Rule Co.
Mohawk File & Tool Co.
Neise, Karl A.
Scherr-Tumlico Co.
Starrett Co., The L. S.
Swiss Precision Tool Co.

PULLERS, GEAR, WHEEL, BEARING

Armstrong-Bray & Co.
Snap-On Tools Corp.

PULLEYS, FRICTION

Link-Belt Co.
Woods Sons Co., T. B.

PULVERIZING MACHINERY & EQUIPMENT

Fen Machine Co.
S & S Machinery Co.

PUMPS, COOLANT

Allis-Chalmers Mfg. Co.

Alsop Engrg. Corp.
Amer. Machine Products Inc.
Assoc. Engineers Inc.
Brown & Sharpe Mfg. Co., Hydraulics Div.
Buffalo Forge Co.
Chicago Pneumatic Tool Co.
DeVilbiss Co., The
Double A Products Co., Subsidiary Brown & Sharpe Mfg. Co.
Dunham Tool Co. Inc., The
Dura Corp.
Easy Industries Div., White-water Pump Co.
Fairbanks Morse & Co.
Gelber & Sons Inc., S.
Graymills Corp.
Hypro Engrg. Inc.
Ingersoll-Rand Co.
Lloyd Tool Corp.
Oil-Dyne Inc.
Palley Supply Co.
Rosaen Co., The
Ruthman Machinery Co., The
S & S Machinery Co.
Tuthill Pump Co.
Vickers Inc.
Viking Pump Co.
Wesco Tool Inc.

PUMPS, HYDRAULIC (see Hydraulic Pumps)

PUMPS, LUBRICANT

Allis-Chalmers Mfg. Co.
Automatic Valve Inc.
Alemite Div., Stewart-Warner Corp.
Alsop Engrg. Corp.
Amer. Instrument Co. Inc.
Amer. Machine Products Inc.
Aro Equip. Corp., The
Barnes Corp., John S.
Bijur Lubricating Corp.
Brown & Sharpe Mfg. Co., Hydraulics Div.
Buffalo Forge Co.
Cook's Sons Inc., Adam
Double A Products Co., Subsidiary Brown & Sharpe Mfg. Co.
Dura Corp.
Eaton Mfg. Co.
Gelber & Sons Inc., S.
Graymills Corp.
Hypro Engrg. Inc.
Lloyd Tool Corp.
Mobil Oil Co.
Ruthman Machinery Co., The
Sier-Bath Co., G. & P., Pump Coupling Div.
Tuthill Pump Co.
Vickers Inc.
Viking Pump Co.
Wesco Tool Inc.

PUMPS, VACUUM

Allis-Chalmers Mfg. Co.
Amer. Instrument Co. Inc.
Bell & Gossett Co.
Chicago Pneumatic Tool Co.
Consolidated Electrodynamics Corp.
Dunham Tool Co. Inc., The
Eisler Engrg. Co. Inc.
Gardner-Denver Co.
Gast Mfg. Corp.
Gelber & Sons Inc., S.
General Controls Co.
Girard Assoc.
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Ingersoll-Rand Co.
Leiman Brothers Inc.
Orvac Products Inc.
Palley Supply Co.
Portomac Inc.
Stokes Corp., F. J.
Weldon Tool Co., The

PUNCHES & DIES, STEEL, PERFORATING

Ace Drill Bushing Co. Inc.
Acme-Danneman Co. Inc.
Acme Industrial Products Inc.
Barth Corp., The
Benerson Corp.
Carbide Tools Inc.
City Tool Corp.

Cleveland Punch & Shear Works Co., The
Dayton Perforators Inc.
DeKalb Precision Industries
Durable Punch & Die Co.
Ford Mfg. Co. Inc., M. A.
Future Products Tool Corp.
Hanover Tool Co. Inc.
Hendley & Whittemore Co.
Holmberg Co. Inc., August W.
Hovis Screwlock Co.
Jahn Mfg. Co., The B.
Lewthwaite Machine Co., T. H.
Main & Sons Inc., Robert A.
Marchant Co., Geo. F.
Mercury Tool & Die Co. Inc.
Micro Punch & Die Co.
Modern Mfg. Co. Inc.
Nadel Tool & Mfg. Co.
O'Neill-Irwin Mfg. Co.
Payne Tool & Engrg. Co., The
Pivot Punch & Die Corp.
Porter Precision Products
Punch Products Corp.
Richard Bros. Punch Div., Allied Products Corp.
Richards Co., J. A.
Ring Punch & Die Div., Product Machine Co.
Ross Equip. Co. Inc.
Royal Oak Tool & Machine Co., Grinder Div.
Ryerson & Son Inc., Joseph T.
Toolset Inc.
U. S. Carbide Tool Inc.
Vulcan Tool Co.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Ward Machinery Co.
Whistler & Sons Inc., S. B.
Whitehead Stamping Co.
Whitney Metal Tool Co.

PUNCHES & DIES, STEEL, PRESS-BRAKE

Acme Industrial Products Inc.
Barth Corp., The
Benerson Corp.
Carbide Tools Inc.
City Tool Corp.
DeKalb Precision Industries
Durable Punch & Die Co.
Future Products Tool Corp.
Jahn Mfg. Co., The B.
Lodge & Shipley Co., The
Marchant Co., Geo. F.
Mercury Tool & Die Co. Inc.
Micro Punch & Die Co.
Modern Mfg. Co. Inc.
Nadel Tool & Mfg. Co.
Niagara Machine & Tool Works
Payne Tool & Engrg. Co., The
Porter Precision Products
Punch Products Corp.
Rafter Machine Co. Inc.
Richard Bros. Punch Div., Allied Products Corp.
Ring Punch & Die Div., Product Machine Co.
Royal Oak Tool & Machine Co., Grinder Div.
Ryerson & Son Inc., Joseph T.
Service Machine Co.
Toolset Inc.
Vulcan Tool Co.
Wales Strippit Inc., Unit
Houdaille Industries Inc.
Ward Machinery Co.

PUNCHES, RIVETING

Acme Industrial Products Inc.
Black & Webster Inc.
Durable Punch & Die Co.
Ford Mfg. Co. Inc., M. A.
Future Products Tool Corp.
Lewthwaite Machine Co., T. H.
Manco Mfg. Co.
Marchant Co., George F.
Niagara Machine & Tool Works
Porter Precision Products
Ring Punch & Die Div., Product Machine Co.
Topflight Corp., Topflight Tool Co., Div.
Tubular Rivet & Stud
Whitney Mfg. Co., W. A.

PUNCH PRESSES (see Presses)

PUNCH-SUPPORT SLEEVES (see Sleeves, Punch-Support)

PRODUCTS

PYROMETERS

Amer. Instrument Co. Inc.
Bristol Co., The
Daystrom Inc., Weston Instru-
ment Div.
E P I C Inc.
Eisler Engrg. Co. Inc.
Electro-Mation Assoc.
General Controls Co.
General Electric Co.,
Apparatus Sales Div.
Hones Inc., Charles A.
Leeds & Northrup Co.
Minneapolis-Honeywell Reg-
ulator Co.
Pacific Transducer Corp.
Pyrometer Instrument Co. Inc.
Testing Machines Inc.
Thermo Electric Mfg. Co.

QUENCHING OILS

(see Oils, Quenching)

QUICK-CHANGE TOOL- HOLDERS (see Toolholders, Quick-Change)

QUILLS

Gorham Tool Co.
Hyper Tool Co.
Wesson Co.

RACKS

Accurate Gear Works
Alvey-Ferguson Co., The
Bay Products Div., Amer.
Metal Works Inc.
Bedford Gear & Machine
Products Inc.
Bethlehem Steel Co.
Brad Foote Gear Works Inc.
Brooks & Perkins Inc.
Brown Engrg. Co.
Cady Metal Fabricating Co.
Chicago Tramrail Corp.
Equip. Mfg. Inc.
Instrument Gear Works Inc.
Jarke Mfg. Co.
Kirk & Blum Mfg. Co.
Leebaw Mfg. Co.
Littleford Brothers Inc.
Lyon Metal Products Inc.
PIC Design Corp.
Rapids-Standard Co. Inc., The
Simonds Gear & Mfg. Co., The
Stackbin Corp.
Standard Steel Specialty Co.
Sterling Factory Equip. Co.
Union Steel Products Co.,
Materials Handling Div.
Webb Co., Jervis B.

RADIOLOGICAL INSPECTION EQUIPMENT

Tracerlab Inc.
Westinghouse Electric Co.

REAMER BLANK, CERAMIC

Stupalox Div.

REAMERS, ADJUSTABLE

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
B. S. A. Tools Ltd.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Carbide Tools Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
DoAll Co., The
Evans Reamer & Machine Co.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hjorth Lathe & Tool Co.
Keystone Reamer & Tool Co.
Kromhard Twist Drill Co.
Lavalley & Ide Inc.
Madison-Faessler Tool Co.
Maxwell Industries Inc.
McCrosky Tool Corp.
Morse Twist Drill & Machine
Co. Div. Van Norman Ind.

Muskegon Tool Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
New Britain Tool & Mfg. Co.
O. K. Tool Co. Inc., The
Ohio Knife Co., The
FIC Design Corp.
Pratt & Whitney Co. Inc.
Sid Tool Co. Inc.
Snap-On Tools Corp.
Special Drill & Reamer Corp.
Standard Tool Co.
Union Twist Drill Co.
Waukesha Cutting Tools Inc.
Whitman & Barnes
Wickman Mfg. Co.

REAMERS, CARBIDE

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
Atrax Co., The
B. S. A. Tools Ltd.
B & W Precision Products Co.
Barber-Colman Co., Hobbing
Machine & Cutting Tools
Beaver Cut Rotary File Co.
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
Detroit Tap & Tool Co.
Dexco Corp., Raymac Div.
Dixie Tool Industries
DoAll Co., The
Eclipse Counterbore Co.
Eldorado Tool & Mfg. Corp.
Elgin National Watch Co.,
Abrasives Div.
Ford Mfg. Co. Inc., M. A.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hyper Tool Co.
Kennametal Inc.
Lavalley & Ide Inc.
Lund Mfg. Co.
Madison-Faessler Tool Co.
Madison-Relco Tool Co.
Marcoloy Inc.
Maxwell Industries Inc.
Metal Removal Co., The
Metallurgical Products Dept.,
General Electric Co.
Modco Tools
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Pratt & Whitney Co. Inc.
Precision Carbide Co.
Precision Twist Drill & Machine
Co.
Republic Drill & Tool Co.,
Div. Avildsen Tools &
Machines Inc.
Rico Tool Co.
Rotary Tool Co.
Schmarje Tool Co.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Super Tool Co., Div.
Van Norman Industries Inc.
Union Twist Drill Co.
U. S. Carbide Tool Inc.

Valenite Metals Div., The
Valeron Corp.
Walmet Corp.
Wendt-Sonis Co.
Wesson Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes
Willey's Carbide Tool Co.

REAMERS, CARBIDE-TIPPED

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co.,
The
Coffey-Cummins Mfg. Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
Detroit Tap & Tool Co.
DoAll Co., The
Eastern Tool Co. Inc.
Eldorado Tool & Mfg. Corp.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Gairing Tool Co.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hyper Tool Co.
Lavalley & Ide Inc.
Lund Mfg. Co.
Madison-Faessler Tool Co.
Madison-Relco Tool Co.
Marcoloy Inc.
McCrosky Tool Corp.
Metal Removal Co., The
Metallurgical Products Dept.,
General Electric Co.
Modco Tools
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
Muskegon Tool Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
Pratt & Whitney Co. Inc.
Precision Twist Drill &
Machine Co.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spe-D-Cut Tool Co.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Super Tool Co., Div. Van Norman
Industries Inc.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Valenite Metals Div., The
Valeron Corp.
Wendt-Sonis Co.
Wesson Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes
Wickman Mfg. Co.
Willey's Carbide Tool Co.

REAMERS, CENTER

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.

Arrow Tool & Reamer Co.
B & W Precision Products Co.
Beaver Cut Rotary File Co.
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Card Div., S. W., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Circular Tool Co. Inc.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co. Inc.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hyper Tool Co.
Lavalley & Ide Inc.
Lund Mfg. Co.
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
Precision Twist Drill & Machine
Co.
Providence Tool Co. Inc.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Reltool Corp.
Rico Tool Co.
Severance Tool Industries Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Stepool Corp.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Wetmore Tool & Engrg. Co.
Whitman & Barnes

REAMERS, CHUCKING

Ace Drill Corp.
Acromatic Tool Co.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B. S. A. Tools Ltd.
B & W Precision Products Co.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Detroit Tap & Tool Co.
DoAll Co., The
Evans Reamer & Machine Co.
F & D Tool Co. Inc.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hyper Tool Co.
Lavalley & Ide Inc.
Lund Mfg. Co.
McCrosky Tool Corp.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
Ohio Knife Co., The
Penniman Co., Elisha
Pratt & Whitney Co. Inc.
Precision Twist Drill &
Machine Co.
Putnam Tool Co.

Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Rotary Tool Co.
Sid Tool Co., Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Wayne Tool Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes

REAMERS, EXPANSION

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Davis Div., Giddings & Lewis
Machine Tool Co.
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co. Inc.
Goddard & Goddard Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hjorth Lathe & Tool Co.
Keystone Reamer & Tool Co.
Kromhard Twist Drill Co.
Lavalley & Ide Inc.
Lund Mfg. Co.
Martindale Electric Co.
Mohawk File & Tool Co.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
Muskegon Tool Industries Inc.
National Tool Co.
New Britain Tool & Mfg. Co. Inc.
Pratt & Whitney Co. Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Standard Tool Co.
Super Tool Co., Div. Van
Norman Industries Inc.
Union Twist Drill Co.
Whitman & Barnes

REAMERS, FLOATING

Acromatic Tool Co.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Brubaker Tool Corp.
Clark Co., Robert H.
Cleveland Cutter & Reamer Co.
Davis Div., Giddings & Lewis
Machine Tool Co.
Detroit Tap & Tool Co.
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Gorham Tool Co.
Hyper Tool Co.
Lavalley & Ide Inc.
Madison-Faessler Tool Co.
Maxwell Industries Inc.
Mohawk Tools Inc.
Muskegon Tool Industries Inc.
Pratt & Whitney Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Twentieth Century Mfg. Co.
Whitman & Barnes
Wickman Mfg. Co.

REAMERS, REPLACEABLE HEAD

Amer. Cutter & Engrg. Corp.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Gorham Tool Co.
Kromhard Twist Drill Co.
Madison-Faessler Tool Co.
National Tool Co.
Spiral Carbide Tool Co.
Tomkins-Johnson Co., End Mills
Twentieth Century Mfg. Co.
Whitman & Barnes

REAMERS, ROSE

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Detroit Tap & Tool Co.
DoAll Co., The
Glenhard Tool Mfrs. Inc.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hyper Tool Co.
Lavalley & Ide Inc.
Lund Mfg. Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
Wayne Tool Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes

REAMERS, SHELL

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Dayton Carbide Tool Co. Inc.
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co. Inc.
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Hyper Tool Co.
Lavalley & Ide Inc.
Lund Mfg. Co.
McCrosky Tool Corp.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
Ohio Knife Co., The
Pratt & Whitney Co. Inc.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Stepool Corp.
Super Tool Co., Div. Van
Norman Industries Inc.
Threadwell Tap & Die Co.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Wayne Tool Co.

Wetmore Tool & Engrg. Co.
Whitman & Barnes

REAMERS, STUB, SCREW MACHINE

Ace Drill Corp.
Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Dayton Carbide Tool Co. Inc.
Detroit Tap & Tool Co.
DoAll Co., The
Evans Reamer & Machine Co.
F & D Tool Co. Inc.
Glenhard Tool Mfrs. Inc.
Gorham Tool Co.
Greenfield Tap & Die, Div.
United-Greenfield Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Hyper Tool Co.
Kromhard Twist Drill Co.
Lavalley & Ide Inc.
Lund Mfg. Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Pratt & Whitney Co. Inc.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Rotary Tool Co.
Schmarje Tool Co.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Steptool Corp.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Whitman & Barnes

REAMERS, SUBLAND

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Glenhard Tool Mfrs. Inc.
Gorham Tool Co.
Hutchins Co., Roy A.
Hyper Tool Co.
Kromhard Twist Drill Co.
Metal Cutting Tools Inc.
Mohawk File & Tool Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
Muskegon Tool Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Threadwell Tap & Die Co.
U. S. Carbide Tool Inc.

Wetmore Tool & Engrg. Co.
Whitman & Barnes

REAMERS, TAPER

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Barber-Colman Co., Hobbing
Machines & Cutting Tools
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union
Twist Drill Co.
Carbide Tools Inc.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Collins Machinery Corp.
Craig Tool Inc.
Dawson Tool Co.
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co. Inc.
Gammons-Hoaglund Co., The
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Keystone Reamer & Tool Co.
Kromhard Twist Drill Co.
Lavalley & Ide Inc.
Madison-Faessler Tool Co.
McCrosky Tool Corp.
Metal Cutting Tools Inc.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
Muskegon Tool Industries Inc.
National Tool Co.
National Twist Drill & Tool Co.
Newage Industries Inc.
Pratt & Whitney Co. Inc.
Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Ridge Tool Co., The
Schmarje Tool Co.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Standard Tool Co.
Star Cutter Co.
Steptool Corp.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Wayne Tool Co.
Wetmore Tool & Engrg. Co.
Whitman & Barnes
Woodruff & Stokes Co. Inc.

REAMERS, TAPER PIN

Alvord-Polk Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B. S. A. Tools Ltd.
B & W Precision Products Co.
Besly-Welles Corp., Cutting
Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist
Drill Co.
Celfor Tool Co., Div. Avildsen
Tools & Machines Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Detroit Tap & Tool Co.
DoAll Co., The
F & D Tool Co. Inc.
Gammons-Hoaglund Co., The
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Greenfield Tap & Die, Div.
United Greenfield Corp.
Hyper Tool Co.
Keystone Reamer & Tool Co.
Lavalley & Ide Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Tool Co.
National Twist Drill & Tool Co.
PIC Design Corp.
Penman Co., Elissa
Pratt & Whitney Co. Inc.

PRODUCTS

REAMERS, TAPER PIN (cont.)

Republic Drill & Tool Co., Div.
Avildsen Tools & Machines Inc.
Sid Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Standard Tool Co.
Threadwell Tap & Die Co.
Twentieth Century Mfg. Co.
Union Twist Drill Co.
Whitman & Barnes

RECESSING TOOLS

Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Bokum Tool Co. Inc.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Brubaker Tool Corp.
Carbide Tool Co.
Carbide Tools Inc.
Cleveland Cutter & Reamer Co.
Colonial Tool Co.
Crafts Co. Inc., Arthur A.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
Gairing Tool Co.
Glenhard Tool Mfrs. Inc.
Gorham Tool Co.
Hyper Tool Co.
Lund Mfg. Co.
Madison-Fassler Tool Co.
Madison-Relco Tool Co.
Maxwell Industries Inc.
Morgood Tools Inc.
Muskegon Tool Industries Inc.
National Tool Co.
Neise, Karl A.
Niagara Cutter Div., Boller-
Damerell Inc.
Nobur Mfg. Co.
Plew Tool Corp.
Screw Machine Tool Co.
Scully-Jones & Co.
Somma Tool Co. Inc.
Special Drill & Reamer Corp.
Spiral Carbide Tool Co.
Spiral Step Tool Co.
Steptool Corp.
Waldes Kohinoor Inc.
U. S. Carbide Tool Inc.
Weddell Tools Inc.
Westmore Tool & Engrg. Co.
Woodruff & Stokes Co. Inc.

RECORDERS

Annis Co., R. B.
Standard Instrument Corp.

RECTIFIERS, CURRENT

Air Reduction Sales Co.
Allied Research Products Inc.
Amer. Rectifier Corp.
Electro-Mation Assoc.
General Electric Co.,
Apparatus Sales Div.
L-W Chuck Co.
Schauer Mfg. Corp.
Syntron Co.
Weltronic Co.
Westinghouse Electric Corp.

REELS & BALANCERS, TOOL SUSPENSION

Aro Equip. Corp., The
Cleco Air Tools, Div.
Reed Roller Bit Co.
Robboy Electric Mfg. Co.

REELS, STOCK

Automatic Feed Co.
Bliss Co., E. W.
Cooper Weymouth Inc.
Dahlstrom Machine Works Inc.
Dickerman Mfg. Co., H. E.
Durant Tool Co.
Humm Safety Equip. Corp., John
La Bahn Roll Feed Corp.
Littell Machine Co., F. J.,
Vac-U-Mation Div.
Mettler Machine Tool Co. Inc.,
Shuster Div.
Montgomery & Co. Inc.
Nilson Machine Co., The A. H.
Patterson Machine Co., The
Rowe Machinery & Mfg. Co.
Secrest Machine Co.
Special Engrg. Service Inc.
Tishken Products Co.

Union Mfg. Co.
U. S. Tool Co. Inc.
Waterbury Farrel Foundry &
Machine Co., The, Div. Textron
Inc.

REFRACTORIES

Electro Refractories & Abrasives
Corp.
Firth Stelling Inc.
Johns-Manville Sales Corp.
Norton Co., Refractories Div.
Shaw Process Development Corp.
British Industries Corp. Div.

REFRIGERATION EQUIPMENT (see also Cold Treating Equipment)

Amer. Instrument Co. Inc.
Cincinnati Sub Zero Products
Electric Hotpack Co. Inc.
Frostrode Div., Warren Alloy
Harris Refrigeration Co.
Ingersoll-Rand Co.
Lundholm Mfg. Co.
Simmons Fastener Corp.
Tenney Engrg. Inc.

REGULATORS, VOLTAGE

Amer. Rectifier Corp.
Clark Controller Co., The
General Electric Co.,
Apparatus Sales Div.
General Radio Co.
Weltronic Co.
Westinghouse Electric Corp.

RELAYS, ELECTRICAL

Allen-Bradley Co.
Amer. Instrument Co. Inc.
Automatic Switch Co.
Bristol Co., The
Copymaton Inc.
Daystrom Inc., Weston
Instrument Div.
Eagle Signal Corp., Div.
Gamewell Co.
Electro-Mation Assoc.
Fansteel Metallurgical Corp.
General Controls Co.
General Electric Co.,
Apparatus Sales Div.
Mallory & Co. Inc., P. R.
Potter & Brumfield Inc., Sub-
sidiary Amer. Machine &
Foundry Co.
Rhodes Inc., M. H.
Simpson Electric Co., Div.
Amer. Gage & Machine Co.
Square D Co.
Warner & Swasey Co., The
Control Instrument Div.
Westinghouse Electric Corp.

RELAYS, MOLD (see Compounds)

REPRODUCTION EQUIPMENT (see Duplicating, Etc.)

REPRODUCTION MACHINES (see Duplicating Machines)

RESERVOIR UNITS

Barnes Corp., John S.
Custanite Corp.
Hannifin Co., Div. Parker-
Hannifin Corp.
Kirk & Blum Mfg. Co., The
Littleford Bros. Inc.
Oil-Dyne Inc.
Racine Hydraulics & Machinery
Inc.
Sheffer Corp., The
U. S. Hoffman Machinery
Corp.
Vickers Inc.

RESINS

Coast Mfg. & Supply Co.
Devcon Corp.
Dow Corning Corp.
Durez Plastics Div., Hooker
Chemical Div.
Electro-Mation Assoc.
GLD Products Co.
Hysol Corp.
Johnson & Son Inc., S. C.
Marbette Corp., The
Reichhold Chemicals Inc.
Ren Plastics Inc.

Shell Chemical Corp., Div. of
Shell Oil Co.

RESINS, EPOXY

Amer. Metaseal of Detroit
Ciba Products Corp.
Coast Mfg. & Supply Co.
Devcon Corp.
Electro-Mation Assoc.
Furane Plastics Inc.
GLD Products Co.
Hysol Corp.
International Abrasive Corp.
Marbette Corp., The
Nupla Mfg. Co., Div. New
Plastic Corp.
Okun Co. Inc., A. L.
Reichhold Chemicals Inc.
Ren Plastics Inc.
Rezolin Inc.
Shell Chemical Corp., div. of
Shell Oil Co.
U. S. Gypsum Co.

RESISTANCE WELDING EQUIPMENT (see Welding Equipment, Resistance)

RETAINERS, PUNCH & DIE, BALL LOCK

Durable Punch & Die Co.
Future Products Tool Corp.
Porter Precision Products
Richard Bros. Punch Div.,
Allied Products Corp.

RETAINERS, PUNCH & DIE, BUTTON-HEAD

DeKalb Precision Industries
Durable Punch & Die Co.
Future Products Tool Corp.
Porter Precision Products
Richard Bros. Punch Div.,
Allied Products Corp.
Waltham Machine Works Inc.

RETAINERS, PUNCH & DIE, SETScrew

DeKalb Precision Industries
Future Products Tool Corp.
Richard Bros. Punch Div.,
Allied Products Corp.
Ward Machinery Co.

RETAINERS, PUNCH & DIE, SPECIAL

Benerson Corp.
DeKalb Precision Industries
Durable Punch & Die Co.
Future Products Tool Corp.
Oberg Mfg. Co. Inc.
Payne Tool & Engrg. Co., The
Pivot Punch & Die Corp.
Porter Precision Products
Richard Bros. Punch Div.,
Allied Products Corp.
Ward Machinery Co.

RINGS, RETAINING

Bethlehem Steel Co.
Centrifugally Cast Products Div.,
The Shenango Furnace Co.
Eaton Mfg. Corp., Reliance Div.
Industrial Retaining Ring Co.
Janney Cylinder Co.
Johns-Manville Sales Corp.
National Lock Washer Co.
Precision Rubber Products
Prestole Corp.
Waldes Kohinoor Inc.

RIVETERS, PORTABLE HYDRAULIC

Chicago Pneumatic Tool Co.
Hannifin Co., Div. Parker-
Hannifin Corp.
Lemert Engrg. Co. Inc.
Manco Mfg. Co.
Pop Rivet Div., United Shoe
Machinery Co.
Whitney Mfg. Co., W. A.

RIVETERS, PORTABLE PNEUMATIC

Buckeye Tools Corp.
Burklyn Co.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div.
Reed Roller Bit Co.

Clyde Engrg. & Mfg. Corp.
Gardner-Denver Co.
Hanna Engrg. Works
Ingersoll-Rand Co.
Lemert Engrg. Co. Inc.
Neilsen Inc., E. V.
Pop Rivet Div., United
Shoe Machinery Co.
Sheridan Products Inc.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.
Wender Presses Inc.

RIVETING DIES

Marchant Co., Geo. F.

RIVETING MACHINES AUTOMATIC FEED

Chicago Rivet & Machine Co.
General Electro Mechanical Corp.

RIVETING MACHINES, CLINCH

Black & Webster Inc.
High Speed Hammer Co. Inc.,
The
Milford Rivet & Machine Co.
S & S Machinery Co.
Thomson Mfg. Co., Judson L.
Tomkins-Johnson Co.
Townsend Co., Engineered
Fasteners Div.
Tubular Rivet & Stud Co.
Whitney Metal Tool Co.

RIVETING MACHINES, HAMMER TYPE

Air-Hydraulics Inc.
Black & Webster Inc.
Chicago Pneumatic Tool Co.
Gardner-Denver Co.
Grant Mfg. & Machine Co., The
High Speed Hammer Co. Inc.,
The
National Machinery Co.
S & S Machinery Co.
Thomson Mfg. Co., Judson L.
Wender Presses Inc.

RIVETING MACHINES, ROTARY VIBRATING TYPE

Grant Mfg. & Machine Co., The
Gray Equip. Co.
High Speed Hammer Co. Inc.,
The
Hill Machine Co.
Precision Detroit Co.
S & S Machinery Co.
Williams, White & Co.

RIVETING MACHINES, SPINNING TYPE

Alina Corp.
Gardner-Denver Co.
Grant Mfg. & Machine Co., The
Gray Equip. Co.
High Speed Hammer Co. Inc.,
The
Lemert Engrg. Co. Inc.
Linley Bros. Co.
Precision Detroit Co.
S & S Machinery Co.
Wender Presses Inc.

RIVETING PUNCHES

(see Punches, Riveting)

RIVET INSTALLATION TOOLS, BLIND

Chicago Pneumatic Tool Co.
Doeden Tool Corp., Dotco
Pneumatic Tools
Hi-Shear Rivet Tool Co.
Huck Mfg. Co.
Pop Rivet Div., United Shoe
Machinery Co.
Townsend Co., Engineered
Fasteners Div.

RIVETS, BLIND

Hi-Shear Rivet Tool Co.
Huck Mfg. Co.
Pop Rivet Div., United Shoe
Machinery Co.
Southco Div., South Chester
Corp.
Townsend Co., Engineered
Fasteners Div.

RIVETS, SOLID

Aluminum Co. of Amer.
Bethlehem Steel Co.
Hassall Inc., John
Hi-Shear Rivet Tool Co.
National Screw & Mfg. Co.
Navan Products Inc.
New England Tubular Rivet Inc.
Republic Steel Corp.
Russell, Burdall & Ward
Bolt & Nut Co.
Star Stainless Screw Co.
Townsend Co., Engineered
Fasteners Div.
Tubular Rivet & Stud Co.

RIVETS, SPLIT

Chase Brass & Copper Co.
Chicago Rivet & Machine Co.
Milford Rivet & Machine Co.
Thomson Mfg. Co., Judson L.
Tubular Rivet & Stud Co.

RIVETS, TUBULAR

Aluminum Co. of Amer.
Chase Brass & Copper Co.
Chicago Rivet & Machine Co.
Continental Screw Co.
Hassall Inc., John
Milford Rivet & Machine Co.
New England Tubular Rivet Inc.
Thompson Mfg. Co., Judson L.
Townsend Co.

ROCKWELL HARDNESS TESTING MACHINES (see Testing Machines)

ROD MILLS (see Rolling Mills, Rod)

RODS, WELDING

All-State Welding Alloys Co. Inc.
Alloy Rods Co.
Amer. Brass Co., The
Ampeo Metal Inc.
Arcalco Co., The
Bridgeport Brass Co.
Chase Brass & Copper Co.
Darwin & Milner Inc.
Eutectic Welding Alloys Corp.
Haynes Steelite Co., Div.
Union Carbide Corp.
International Nickel Co.
Kaiser Aluminum & Chemical
Sales Inc.
Linde Co., Div. Union Carbide
Corp.
Mallory & Co. Inc., P. R.
Marathon Specialty Steels, Inc.
Marquette Mfg. Co. Inc.
Metal & Thermit Corp.
Mueller Brass Co.

ROLL FEEDS

Automatic Feed Co.
Benchmaster Mfg. Co.
Bliss Co., E. W.
Ferguson Machine Corp.
Main & Sons Inc., Robert A.
McKay Machine Co., The
Patterson Machine Co., The
Geo. C.
Perkins Machine Co.
S & S Machinery Co.
United Engrg. & Foundry Co.
U. S. Tool Co. Inc.

ROLLING MACHINES, FORM

Abbey Etna Machine Co.
Amer. Roller Die Corp.
Bachmann Co. Inc., Eric R.
Brown Boggs Foundry &
Machine Co. Ltd.
Dahlstrom Machine Works, Inc.
Girard Assoc.
Hendley & Whittemore Co.
Kane & Roach Inc.
Maplewood Div., Rockford
Machine Tool Co.
McKay Machine Co., The
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Pruett Corp.
Rafter Machine Co. Inc.
Reed Rolled Thread Die Co.
Rockford Machine Tool Co.
Ryerson & Son Inc., Joseph T.

S & S Machinery Co.
Thompson Mfg. Co., Earl A.
Tishken Products Co.
Wyssong & Miles Co.
Yoder Co., The

ROLLING MACHINES, GEAR

Grob Inc.
S & S Machinery Co.

ROLLING MACHINES, SPLINE

Grob Inc.
Reed Rolled Thread Die Co.
S & S Machinery Co.
Waterbury Farrel Foundry & Machine Co., The, Div. Textron

ROLLING MACHINES, THREAD

B. S. A. Tools Ltd.
Bachmann Co. Inc., Eric R.
Columbia International Corp.
Davis & Thompson Co.
Hartford Special Machine Co.
Hause Machines, Inc.
Landis Machine Co.
Mettler Machine Tool Co. Inc.,
Shuster Div.
National Acme Co., The
Pruett Corp.
Reed Rolled Thread Die Co.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Waterbury Farrel Foundry & Machine Co., The, Div. Textron
Inc.

ROLLING MILLS, FLAT

Baldwin-Lima-Hamilton Corp.
Birdsboro Corp.
Bliss Co., E. W.
Fenn Mfg. Co., The
Loewy-Hydropress, Baldwin-
Lima-Hamilton Corp.
Loma Machine Mfg. Co. Inc.
Mesta Machine Co.
S & S Machinery Co.
United Engrg. & Foundry Co.
Waterbury Farrel Foundry & Machine Co., The, Div. Textron
Inc.

ROLLING MILLS, ROD

Bachmann Co. Inc., Eric R.
Baldwin-Lima-Hamilton Corp.
Birdsboro Corp.
Bliss Co., E. W.
Fenn Mfg. Co., The
Gorham Tool Co.
Loewy-Hydropress, Baldwin-
Lima-Hamilton Corp.
Loma Machine Mfg. Co. Inc.
S & S Machinery Co.
United Engrg. & Foundry Co.
Waterbury Farrel Foundry & Machine Co., The, Div. Textron
Inc.

ROLLING MILLS, TUBE

Abbey Etna Machine Co.
Amer. Roller Die Corp.
Bachmann Co. Inc., Eric R.
Birdsboro Corp.
Bliss Co., E. W.
Loewy-Hydropress, Baldwin-
Lima-Hamilton Corp.
McKay Machine Co., The
Rockford Machine Tool Co.
Royal Oak Tool & Machine
Co., Grinder Div.
S & S Machinery Co.
Tishken Products Co.
Yoder Co., The

ROLLS, BACK UP

Amer. Cutter & Engrg. Corp.
Baldwin-Lima-Hamilton Corp.
Bethlehem Steel Co.
Bliss Co., E. W.
Chicago Rubber Co. Inc.
Detroit Flame Hardening Co.
Gorham Tool Co.
Loma Machine Mfg. Co. Inc.
Main & Sons Inc., Robert A.
Marathon Special Steels Inc.
McKay Machine Co., The
Pottstown Machine Co.
Royal Oak Tool & Machine
Co., Grinder Div.

United Engrg. & Foundry Co.

ROLLS, FLAT

Amer. Cutter & Engrg. Corp.
Baldwin-Lima-Hamilton Corp.
Berkroy Products Co.
Bliss Co., E. W.
Carbide Tools Inc.
Chicago Rubber Co. Inc.
Detroit Flame Hardening Co.
Gorham Tool Co.
Hill Acme Co., The
Loma Machine Mfg. Co. Inc.
Main & Sons Inc., Robert A.
Marathon Special Steels Inc.
McKay Machine Co., The
Metallurgical Products Dept.,
General Electric Co.
Pottstown Machine Co.
United Engrg. & Foundry Co.

ROLLS, FORM

Abbey Etna Machine Co.
Amer. Cutter & Engrg. Corp.
Amer. Roller Die Corp.
B. S. A. Tools Ltd.
B & W Precision Products Co.
Baldwin-Lima-Hamilton Corp.
Birdsboro Corp.
Bliss Co., E. W.
Carbide Tools Inc.
Chicago Rubber Co. Inc.
Cleveland Cutter & Reamer Co.
Cleveland Tool & Die Co.
Crafts Co. Inc., Arthur A.
Diamond Tool Co.
Falcon Tool Co.
Gorham Tool Co.
Hyper Tool Co.
Jerpak Bayless Co.
Kane & Roach Inc.
Madison-Reico Tool Co.
Maplewood Div., Rockford
Machine Tool Co.
Marathon Special Steels Inc.
McKay Machine Co., The
Metallurgical Products Dept.,
General Electric Co.
Morgood Tools Inc.
National Tool Co.
Octavia Tool & Gage Co.
Reed Rolled Thread Die Co.
Royal Oak Tool & Machine
Co., Grinder Div.
Sintercast Div., Chromalloy
Corp.
Somma Tool Co. Inc.
Tishken Products Co.
United Engrg. & Foundry Co.
Yoder Co., The

ROLLS, KNURLING

Amer. Cutter & Engrg. Corp.
Baldwin-Lima-Hamilton Corp.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Detroit Flame Hardening Co.
Hunter Tools
Morley Machinery Corp.
National Tool Co.
Noble & Westbrook Mfg.
Pratt & Whitney Co. Inc.
Reed Rolled Thread Die Co.
Rockwin Mfg. Co.
Schmidt Inc., Geo. T.

ROLLS, RUBBER-COVERED

Aronson Machine Co.
Auburn Machine Co.
Chicago Rubber Co. Inc.
Goodrich Industrial Products,
B. F., Div. B. F. Goodrich Co.
Main & Sons Inc., Robert A.
United Engrg. & Foundry Co.
Wolverine Tool Co.

ROLLS, SLITTING

Crafts Co. Inc., Arthur A.
Detroit Flame Hardening Co.
Jerpak Bayless Co.
Kane & Roach Inc.
Maplewood Div., Rockford
Machine Tool Co.
Metallurgical Products Dept.,
General Electric Co.
Rockford Machine Tool Co.
United Engrg. & Foundry Co.

ROLLS, SPLINE

Reed Rolled Thread Die Co.

ROLLS, STRIP MILL

Baldwin-Lima-Hamilton Corp.
Bethlehem Steel Co.
Bliss Co., E. W.
Detroit Flame Hardening Co.
Fenn Mfg. Co., The
Gorham Tool Co.
Loma Machine Mfg. Co. Inc.
Marathon Special Steels Inc.
United Engrg. & Foundry Co.

ROLLS, THREAD

B. S. A. Tools Ltd.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Daizen Mfg. Co.
Detroit Tap & Tool Co.
Everard Tap & Die Corp.
Falcon Tool Co.
Jerpak Bayless Co.
National Acme Co., The
Pratt & Whitney Co. Inc.
Pruett Corp.
Reed Rolled Thread Die Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

ROTARY BURRS (see Burrs)

ROTARY INDEX MACHINES

Agnew Machine Co.
Bachmann Co. Inc., Eric R.
Barnes Corp., John S.
Benerson Corp.
Bodine Corp., The
Cimco Engrg. Co.
Cross Co., The
Cycledynamics Inc.
Davis & Thompson Co.
Ferguson Machine Corp.
Fox Engrg. Co.
Hammond Machinery Builders
Hartford Special Machine Co.
Ingersoll Milling Machine
Inter-Lakes Engrg. Co.
Kenco Mfg. Co.
Kenhoc Corp.
Lapointe Machine Tool Co.
Machine Products Corp.
Morris Machine Tool Co.
Morrison Engrg. Co.
Mott & Merryweather
Machinery Co., The
Onsrud Machine Co.
Osborn Mfg. Co.
Precision Detroit Co.
Scherr-Tumico Co.
Swanson Engrg. Co.
Sylvania Lighting Products,
Equip. Development Plant
Turner Bros. Inc.
United Welders Inc.
Wis. Drill Head Co.

ROTARY SHEARS (see Shears Rotary)

ROTARY TABLES (see Tables, Rotary Indexing)

ROUTER BITS

Amer. Cutter & Engrg. Corp.
Atrax Co., The
Beaver Cut Rotary File Co.
Black & Decker Mfg. Co., The
Bolce-Crane Co.
Brubaker Tool Corp.
Carbide Tools Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dayton Carbide Tool Co. Inc.
Detroit Tap & Tool Co.
Dixie Tool Industries
Ford Mfg. Co. Inc., M. A.
Gorham Tool Co.
Hyper Tool Co.
Metal Removal Co., The
Millers Falls Co.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Vin Norman Ind.
Niagara Cutter Div., Bollier-
Damerell Inc.
Onsrud Cutter Mfg. Co. Inc.
Onsrud Machine Co.
Plew Tool Corp.
Porter-Cable Machine Co.

PRODUCTS

ROUTER BITS (cont.)

Prairie & Whitney Co. Inc.
Rico Tool Co.
Rotary Tool Co.
Skill Corp.
Standard Tool Co.
Union Twist Drill Co.
U. S. Carbide Tool Inc.
Victory Carbide Saw & Tool Co. Inc.
Weldon Tool Co., The
Willey's Carbide Tool Co.
Williams Industries, W. W.
Windson Tool Co.

ROUTER GUIDES

Millers Falls Co.
Porter-Cable Machine Co.
Sheridan Products Inc.
Skill Corp.

ROUTERS, PORTABLE ELECTRIC

Black & Decker Mfg. Co., The
Millers Falls Co.
Onsrud Machine Co.
Porter-Cable Machine Co.
Skill Corp.

ROUTERS, PORTABLE PNEUMATIC

Airetool Mfg. Co., The
Buckeye Tools Corp.
Onsrud Machine Co.
Quackenbush Co., A. B.
Superior Pneumatic & Mfg. Inc.

ROUTING MACHINES

Cosa Corp.
Gorton Machine Tool Div.
George
Onsrud Machine Co.
Skill Corp.
Sundstrand Machine Tool Div.
Sundstrand Corp.

RUBBER

Devcon Corp.
Dow Corning Corp.
Gates Rubber Co., The
Raybestos-Manhattan Inc.
Manhattan Rubber Div.
Stilson Tools Inc.
U. S. Rubber Co.

RUBBER, BUMPERS, STOCK FEED

Stilson Tools, Inc.

RUBBER, DIES

Acoushnet Process Co.
Die Set Div., Products
Machine Co.
Matthews & Co., James H.
Snow Mfg. Co.

RUBBER HOSE (see Hose)

RUBBER TUBING

Amer. Instrument Co. Inc.
Garlock Packing Co., The
Gates Rubber Co., The
Goodrich Industrial Products,
B. F., Div. B. F. Goodrich Co.
Hewitt-Robins
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.

RUBBER-WORKING MACHINERY

Black Rock Mfg. Co., The
Coulter Machine Co., James
Snow Mfg. Co.
Stokes Corp., F. J.

RUST PREVENTIVES

(see Compounds, Preservative)

SANDERS, PORTABLE ELECTRIC

Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Duro Metal Products Co.
Ingersoll-Rand Co.
Jones Motrola Corp.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Porter-Cable Machine Co.

Rotor Tool Co., The
Skill Corp.
Snap-On Tools Corp.
Strand Flexible Shaft Inc., N. A.
Sundstrand Machine Tool,
Div. Sundstrand Corp.
Thor Power Tool Co.
U S Electrical Tool Co.

SANDERS, PORTABLE PNEUMATIC

Airetool Mfg. Co., The
Aro Equip. Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div.
Reed Roller Bit Co.
Dooden Tool Corp., Dotoe
Pneumatic Tools
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Power Corp., Black &
Decker Subsidiary
Neilsen Inc., E. V.
Remington Arms Co. Inc.
Rotor Tool Co., The
Skill Corp.
Sundstrand Machine Tool,
Div. Sundstrand Corp.
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.

SANDBLAST MACHINES

Chicago Pneumatic Tool Co.
Clementina Ltd.
Fangborn Corp.
Sanstorm Mfg. Co.
Vapor Blast Mfg. Co.
Wheelabrator Corp.

SAW BLADES (see Blades, Saw)

SAW MACHINES, CIRCULAR

Boice-Crane Co.
Buckeye Tools Corp.
Clausing Div., Atlas Press Co.
Delta Power Tool Div.,
Rockwell Mfg. Co.
DeWalt Div., Amer. Machine
& Foundry Co.
Felker Mfg. Co.
George Machinery, James W.
Girard Assoc.
Hanchett Mfg. Co.
Klingelhof Machine Tool
Corp., Albert
Lapointe Machine Co.
Loma Machine Mfg. Co. Inc.
Motch & Merryweather
Machinery Co., The
Navan Products Inc.
Northfield Foundry & Machine
Oliver Machinery Co.
Porter-McLeod Machine Tool Co.
Kedin Production Machine Co.
Remington Arms Co. Inc.
Richards Co., J. A.
Rockwell Mfg. Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sigma Machinery Inc.
Skill Corp.
Stone Machinery Co. Inc.
Ty-Sa-Man Machine Co. Inc.

SAW MACHINES, CONTOUR BAND

Bentley Industrial Corp.
Boice-Crane Co.
DoAll Co., The
Grob Inc.
Hermes Machine Tool Co. Inc.
Laidlaw Inc., William
Northfield Foundry & Machine
Peerless Machine Co.
Rockwell Mfg. Co.
Roll-In Saw Co.
S & S Machinery Co.
Sigma Machinery Inc.
Stueck Inc., W. Whitney
Wells & Sons, W. F.
Wender Presses Inc.

SAW MACHINES, FRICTION

DoAll Co., The
Grob Inc.
Kling Brothers Engrg. Works
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.

Sigma Machinery Inc.
Stone Machinery Co. Inc.
Stueck Inc., W. Whitney
Ty-Sa-Man Machine Co. Inc.
United Engrg. & Foundry Co.

SAW MACHINES, POWER HACK

Armstrong-Bium Mfg. Co.
Austin Industrial Corp.
Berkroy Products Co.
Bentley Industrial Corp.
Covel Mfg. Co.
Mohawk File & Tool Co.
Peerless Machine Co.
Racine Hydraulics & Machinery
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sales Service Machine Tool Co.
(Havr)
Sigma Machinery Inc.
Skill Corp.

SAW SHARPENERS

Diamond Tool Co.
Diston Div., H. K. Porter
Co. Inc.
George Machinery, James W.
Hanchett Mfg. Co.
Hamco Machines Inc.
Hoe & Co. Inc., R.
Klingelhof Machine Tool
Corp., Albert
Loma Machine Mfg. Co. Inc.
Max Mfg. Co.
Motch & Merryweather
Machinery Co., The
Remington Arms Co. Inc.
S & S Machinery Co.

SAW, BAND (see Blades, Saw, Band)

SAWS, HOLE (see Hole Saws)

SAWS, JEWELERS

Brown & Sharpe Mfg. Co.,
Cutting Tool Div.
Circular Tool Co. Inc.
Diston Div., H. K. Porter
Co. Inc.
Martindale Electric Co.
Mohawk File & Tool Co.
National Tool Co.
Thurston Mfg. Co.

SAWS, PORTABLE, ELECTRIC

Black & Decker Mfg. Co., The
Chicago Pneumatic Tool Co.
Diston Div., H. K. Porter
Co. Inc.
Felker Mfg. Co.
Millers Falls Co.
Milwaukee Electric Tool Corp.
Modern Mfg. Co. Inc.
Porter-Cable Machine Co.
Ryerson & Son Inc., Joseph T.
Skill Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.
Wachs Co., The E. H.

SAWS, PORTABLE PNEUMATIC

Aro Equip. Corp., The
Buckeye Tools Corp.
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Power Corp., Black &
Decker Subsidiary
Quackenbush Co., A. B.
Remington Arms Co. Inc.
Skill Corp.
Thor Power Tool Co.
Wachs Co., The E. H.

SAWS, SLITTING (see Slitting Saws)

SCALES, HYDRAULIC, CRANE

Dillon & Co. Inc., W. C.
Hydroway Scales Inc.

SCALES, PART COUNTING

Toledo Scale Co.

SCALES, WEIGHT, PLATFORM

Exact Weight Scale Co., The
Fairbanks Morse & Co.
Swedish Gage Co.

Toledo Scale Co., Div.
Toledo Scale Corp.
Webb Corp., The

SCALING HAMMERS, PORTABLE-AIR

Chicago Pneumatic Tool Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Power Corp., Black &
Decker Subsidiary
Thor Power Tool Co.

SCRAP CHOPPERS (see Choppers, Scrap)

SCRAPERS, PORTABLE ELECTRIC

Anderson Bros. Mfg. Co.
Borel & Dunner
Forthman Carbide Scraper Co.,
Porter-Cable Machine Co.
Thor Power Tool Co.

SCRAPERS, PORTABLE PNEUMATIC

Borel & Dunner
Superior Pneumatic & Mfg. Inc.
Thor Power Tool Co.

SCREENING MACHINERY & EQUIPMENT

Finish Engrg. Co. Inc.
Rampe Mfg. Co.
Roto-Finish Co.
Syntron Co.

SCREENS, SIZING

Colorado Fuel & Iron Corp.
Roto-Finish Co.
Syntron Co.

SCREWDRIVER BITS

(see Bits, Screwdriver)

SCREWDRIVERS, PORTABLE, POWER

Airetool Mfg. Co., The
Aro Equip. Corp., The
Black & Decker Mfg. Co., The
Buckeye Tools Corp.
Burklyn Co.
Chicago Pneumatic Tool Co.
Cleco Air Tools, Div.
Reed Roller Bit Co.
Clyde Engrg. & Mfg. Corp.
Foredom Electric Co. Inc.
Gardner-Denver Co.
Ill. Tool Works, Machine &
Instrument Div.
Ingersoll-Rand Co.
Master Power Corp., Black &
Decker Subsidiary
Millers Falls Co.
Milwaukee Electric Tool Corp.
Newage Industries Inc.
Parker-Kalon Div., General
Amer. Transportation Corp.
Remington Arms Co. Inc.
Skill Corp.
Thor Power Tool Co.
U. S. Electrical Tool Co.

SCREWDRIVERS, FLEXIBLE-SHAFT

Strand Flexible Shaft Inc., N. A.

SCREW DRIVING MACHINES

Bodine Corp., The
Bristol Co., The
Burklyn Co.
Clyde Engrg. & Mfg. Corp.
Detroit Power Screwdriver Co.
Dixon Automatic Tool Inc.
Foredom Electric Co. Inc.
Gardner-Denver Co.
Haskins Co., R. G.
Ill. Tool Works, Machine &
Instrument Div.
Ingersoll-Rand Co.
Set Screw & Mfg. Co.
Skill Corp.
Strand Flexible Shaft Inc., N. A.
Thomson Mfg. Co., Judson L.

SCREW MACHINE ACCESSORIES

Allou Engrg. Inc.
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.

B. S. A. Tools Ltd.
 Boyar-Schultz Corp.
 Brown & Sharpe Mfg. Co.,
 Industrial Products Div.
 Brown & Sharpe Mfg. Co.,
 Machine Tool Div.
 Carney-Stansfield Co.
 Chi-Co. Inc.
 Cleveland Automatic Machine
 Co., The
 Cone Automatic Machine Co. Inc.
 Crafts Co. Inc., Arthur A.
 Dettlerbeck Co., L. G.
 Dundick Tool Works Inc.
 Dunham Tool Co. Inc., The
 Hjorth Lathe & Tool Co.
 Jersey Mfg. Co.
 Lincoln Industries Co.
 Loeffel Co. Inc., The Arthur
 National Acme Co., The
 Screw Machine Tool Co.
 Sheffer Collet Co.
 Sid Tool Co. Inc.
 Somma Tool Co. Inc.
 Tru-Center Products Co.
 Warner & Swasey Co.
 Wickman Mfg. Co.

SCREW MACHINE COMPONENTS

Amer. Cam Co. Inc.
 Auburn Machine Co.
 Brown & Sharpe Mfg. Co.,
 Machine Tool Div.
 Bultool Co., The
 Cleveland Automatic Machine
 Co., The
 Greer Stop Nut Co.
 Lincoln Industries Co.
 Loeffel Co. Inc., The Arthur
 Meehanite Metal Corp.
 National Acme Co., The
 Standard Screw Co.

SCREW MACHINES, AUTOMATIC

Amer. Bechler Corp.
 B. S. A. Tools Ltd.
 Bachmann Co. Inc., Eric R.
 Baird Machine Co., The
 Brown & Sharpe Mfg. Co.,
 Machine Tool Div.
 Carney-Stansfield Co.
 Cleveland Automatic Machine
 Co., The
 Cone Automatic Machine Co.
 Corp.
 Detroit Cam & Tool Co.
 Gisholt Machine Co.
 Guthery Machine Tool Corp.
 Hardinge Bros. Inc.
 Hudson Automatic Machine &
 Tool Co.
 Lincoln Industries Co.
 Loeffel Co. Inc., The Arthur
 Monarch Machine Tool Co., The
 National Acme Co., The
 Porter-McLeod Machine Tool
 Co.
 S & S Machinery Co.
 Sigma Machinery Inc.
 Warner & Swasey Co.
 Wickman Mfg. Co.
 Wickman Products Corp.

SCREW MACHINES, AUTOMATIC MULTISPINDLE

B. S. A. Tools Ltd.
 Carney-Stansfield Co.
 Cone Automatic Machine Co.
 Greenlee Brothers & Co.
 National Acme Co., The
 S & S Machinery Co.
 Sigma Machinery Inc.
 Thompson Mfg. Co., Earl A.
 Warner & Swasey Co.

SCREW MACHINES, AUTOMATIC SINGLE SPINDLE

Amer. Bechler Corp.
 B. S. A. Tools Ltd.
 Bachmann Co. Inc., Eric R.
 British Machine & Foundry
 Supply Div., British
 Industries Corp.
 Brown & Sharpe Mfg. Co.,
 Machine Tool Div.
 Carney-Stansfield Co.
 Cleveland Automatic Machine
 Co., The

Cone Automatic Machine Co. Inc.
 Gisholt Machine Co.
 Guthery Machine Tool Corp.
 Hudson Automatic Machine &
 Tool Co.
 Loeffel Co. Inc., The Arthur
 National Acme Co., The
 Porter-McLeod Machine Tool
 Co.
 Russel, Holbrook & Henderson
 S & S Machinery Co.
 Sigma Machinery Inc.
 Warner & Swasey Co.
 Wickman Mfg. Co.

SCREW MACHINES, HAND

Bachmann Co. Inc., Eric R.
 Brown & Sharpe Mfg. Co.,
 Machine Tool Div.
 Carney-Stansfield Co.
 Delta Power Tool Div.
 Rockwell Mfg. Co.
 Gisholt Machine Co.
 Hardinge Brothers Inc.
 Hjorth Lathe & Tool Co.
 Loeffel Co. Inc., The Arthur
 Penniman Co., Elisha
 Rockwell Mfg. Co.
 S & S Machinery Co.
 Sigma Machinery Inc.
 Sykes Machine & Gear Corp.
 Warner & Swasey Co.
 Wickman Products Corp.

SCREWS

Allen Mfg. Co.
 Aluminum Co. of Amer.
 Amer. Screw Co.
 Bristol Co., The
 Bultool Co., The
 Chase Brass & Copper Co.
 Continental Screw Co.
 Danly Machine Specialties Inc.
 Eaton Mfg. Corp., Reliance
 Div.
 Elco Tool & Screw Corp.
 Hassall Inc., John
 Holo-Krome Screw Corp., The
 Jerpbak Bayless Co.
 Lamson & Sessions Co., The
 Lempeo Industrial Inc.,
 Machine & Tool Div.
 Mac-It Parts Co.
 Morton Machine Works Div.
 Brubaker Tool Corp.
 National Screw & Mfg. Co.
 Northwestern Tools Inc.
 Nylok Corp., The
 Ottomiller Co., The Wm. H.
 Parker-Kalon Div. General
 Amer. Transportation Corp.
 Pheoli Mfg. Co.
 PIC Design Corp.
 Russell, Burdall & Ward
 Bolt & Nut Co.
 Set Screw & Mfg. Co.
 Standard Pressed Steel Co.
 Standard Screw Co.
 Star Stainless Screw Co.
 Tomco Inc.
 Townsend Co.
 Westfield Metal Products

SCREW THREAD INSERTS (see Inserts, Screw Thread)

SCREWS, FLAT HEAD CAP

Cleveland Cap Screw Co., The
 Holo-Krome Screw Corp., The

SCREWS, RECIRCULATING BALL

Scully-Jones & Co.

SCREWS, SET

Cleveland Cap Screw Co., The
 Holo-Krome Screw Corp., The
 Set Screw Mfg. Co.

SCREWS, SOCKET HEAD CAP

Allen Mfg. Co.
 Cleveland Cap Screw Co., The
 Holo-Krome Screw Corp., The
 Parker-Kalon Div. General
 Amer. Transportation Corp.
 Set Screw Mfg. Co.
 Standard Pressed Steel Co.

SCREWS, SOCKET SET

Standard Pressed Steel Co.

SCREWS, THUMB

Vlier Engrg. Corp.

SCRIBERS & DIVIDERS

(see Dividers & Scribers)

SEALING COMPOUNDS

(see Compounds, Sealing)

SEALS & PACKINGS

(see Packings & Seals)

SEAMING TOOLS

Brown Boggs Foundry &
 Machine Co. Ltd.
 Niagara Machine & Tool Works
 Porter Inc., H. K.
 Superior Pneumatic & Mfg. Inc.

SEPARATORS & FILTERS, COOLANT (see Filters)

SEPARATORS, LUBRICANT

Cook's Sons Inc., Adam
 Coolant Equip. Corp.
 De Laval Separator Co., The
 Frantz Co. Inc., S. G.
 Loeffel Co. Inc., The Arthur
 Mobil Oil Co.
 Wilkerson Corp.

SEPARATORS, MAGNETIC

Barnes Drill Co.
 Crucible Steel Co. of Amer.
 Erie Mfg. Co.
 Frantz Co. Inc., S. G.
 Gale Separator Co. Inc. Div.
 Inflico Inc.
 Grav-I-Flo Corp., The
 Ind. Commercial Filters Corp.
 Lord Chemical Corp. Sub-
 sidiary Wheelabrator Corp.
 Metallurgical Products Dept.,
 General Electric Co.
 Montgomery & Co. Inc.
 Multifinish Mfg. Co.
 Neilsen Inc., E. V.
 Rampe Mfg. Co.
 Roto-Finish Co.
 Standard Portable Cord Co.
 Sundstrand-Amer. Broach, Div.
 Sundstrand Corp.

SEPARATORS, OIL & WATER

Gale Separator Co. Inc.

SEPARATORS, SCRAP, SCREENING

De Laval Separator Co., The
 Del's Tumbling Service
 McKenzie Engrg. Co., The

SEPARATORS, STOCK

Montgomery & Co. Inc.
 Neilsen Inc., E. V.

SERVO AMPLIFIERS

Diehl Mfg. Co.

SHAFTS & DETAILS, FLEXIBLE

Actuator Products, Geartronics
 Corp. Div.
 Bing Flexible Shaft Div.,
 Swartz & White Mfg. Co.
 Elliott Mfg. Co. Inc., B. W.
 Freedom Electric Co. Inc.
 Haskins Co., R. G.
 Jarvis Corp.
 Martindale Electric Co.
 Strand Flexible Shaft Inc. N. A.
 Thomson Industries Inc.

SHAFTS & DETAILS, RIGID

Bethlehem Steel Co.
 Federal Machine Co. Inc.
 PIC Design Corp.

SHAFTS, SPLINED

Dieffendorf Gear Corp.

SHAPER, CUTTERS (see Cutters)

SHAPERS

Austin Industrial Corp.
 Bachmann Co. Inc., Eric R.
 Barer Engrg. & Machinery Co.

Bentley Industrial Corp.
 Black & Decker Mfg. Co.,
 Boice-Crane Co.
 Carney-Stansfield Co.
 Cincinnati Shaper Co., The
 Hermes Machine Tool Co. Inc.
 Index Industrial Corp.
 Jersey Mfg. Co.
 Lapointe Machine Co.
 Norton Co.
 Rockford Machine Tool Co.
 Rockwell Mfg. Co.
 S & S Machinery Co.
 Sheldon Machine Co. Inc.
 Sigma Machinery Inc.
 South Bend Lathe Inc.
 Swift Ohio Corp.
 Transmores Corp.
 Wender Presses Inc.

SHAPING MACHINES, GEAR (see Gear Shaping Machines)

SHEARS, ALLIGATOR

Birdsboro Corp.
 Hendley & Whittmore Co.
 Hill Acme Co., The
 Ryerson & Son Inc., Joseph T.
 S & S Machinery Co.
 United Engrg. & Foundry Co.

SHEARS, BENCH

Antares Instruments Inc., Sub-
 sidiary A. F. Wilkens Inc.
 Barer Engrg. & Machinery Co.
 Bentley Industrial Corp.
 Beverly Shear Mfg. Co., The
 Billings & Spencer Co., The
 Brown Boggs Foundry &
 Machine Co. Ltd.
 Heinrich Tools Inc.
 Hendley & Whittmore Co.
 Lewthwaite Machine Co., T. H.
 Montgomery & Co. Inc.
 Neilsen Inc., E. V.
 Niagara Machine & Tool Works
 O'Neill-Irwin Mfg. Co.
 Peck, Stow & Wilcox Co., The
 Porter Inc., H. K.
 Ryerson & Son Inc., Joseph T.
 S & S Machinery Co.
 Whitney Metal Tool Co.
 Whitney Mfg. Co., W. A.

SHEARS, BILLET

Buffalo Forge Co.
 Girard Assoc.
 Thomas Machine Mfg. Co.

SHEARS, PORTABLE, POWER

Beverly Shear Mfg. Co., The
 Black & Decker Mfg. Co., The
 Buckeye Tools Corp.
 Jemco Tool Corp.
 Millers Falls Co.
 Milwaukee Electric Tool Corp.
 Neilsen Inc., E. V.
 Newage Industries Inc.
 Porter Inc., H. K.
 Quackenbush Co., A. B.
 Ryerson & Son Inc., Joseph T.
 Skill Corp.
 Thomas Machine Mfg. Co.
 Thor Power Tool Co.
 Whitney Mfg. Co., W. A.

SHEARS, ROTARY

Amer. Pullmax Co. Inc.
 Beatty Machine & Mfg. Co.
 Berkroy Products Co.
 Beverly Shear Mfg. Co., The
 Birdsboro Corp.
 Blue Valley Machine & Mfg. Co.
 Brown Boggs Foundry &
 Machine Co. Ltd.
 Butterfield Div., Union Twist
 Drill Co.
 Cosa Corp.
 Girard Assoc.
 Gorham Tool Co.
 Ill. Tool Works Machine &
 Instrument Div.
 Kane & Roach Inc.
 Kling Brothers Engrg. Works
 Loewy-Hydropress, Baldwin-
 Lima-Hamilton Corp.
 Niagara Machine & Tool Works

PRODUCTS

SHEARS, ROTARY (cont.)

Peck, Stow & Wilcox Co., The
Quackenbush Co., A. B.
Reltool Corp.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Whitney Metal Tool Co.

SHEARS, SQUARING

Atkins Saw Div., Borg-Warner Corp.
Barer Engrg. & Machinery Co. Ltd.
Birdsboro Corp.
Brown Boggs Foundry & Machine Co. Ltd.
Cincinnati Shaper Co., The
Cleveland Crane & Engrg. Co., The
Fanco Machine Co.
Girard Assoc.
Johnson Machine & Press Corp. Div. Bontrager Corp.
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Pacific Industrial Mfg. Co.
Peck, Stow & Wilcox Co., The
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Secret Machine Co.
Sigma Machinery Inc.
Version Allsteel Press Co.
Whitney Metal Tool Co.
Wysong & Miles Co.

SHEARS, THROATLESS

Beverly Shear Mfg. Co., The
Hy-Du-Lignum Co. Inc., The
Niagara Machine & Tool Works
O'Neill-Irwin Mfg. Co.
Peck, Stow & Wilcox Co., The
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
United Engrg. & Foundry Co.
Whitney Metal Tool Co.

SHEAVES (see Pulleys)

SHEET METAL WORKING MACHINES

Wielands Inc.

SHEET STEEL (see Steel, Sheet)

SHELL TRIMMING MACHINES

Beatty Machine & Mfg. Co.
Hannifin Co., Div. Parker-Hannifin Corp.
Rogers Mfg. Co., Dayton
S & S Machinery Co.
Vulcan Tool Co.

SHIMSTOCK & SHIMS

Acme-Danneman Co. Inc.
Artus Corp., The
Detroit Stamping Co.
Sid Tool Co. Inc.

SHOT, BARREL-FINISHING

(see Barrel-Finishing Media)

SHOT PEENING EQUIPMENT

Pangborn Corp.
Wheelabrator Corp.

SILVER

Amer. Smelting & Refining Co.
Belmont Smelting & Refining Works Inc.
Engelhard Industries Inc.
Eutectic Welding Alloys Corp.
Handy & Harman
Mallory & Co. Inc., P. R.

SINE BARS

AA Gage Co., Div. Design Engrg.
Bald Eagle Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
DoAll Co., The
J & S Tool Co. Inc.
Johanson Gage Co., C. E.
Lassy Tool Co.
Mahr Gage Co. Inc.
Montgomery & Co. Inc.
Scherr-Tumico Co.

Sheffield Corp. Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The

SINE BARS & PLATES

AA Gage Co., Div. Design Engrg.
Bald Eagle Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
DoAll Co., The
Hanchett Magna-Lock Corp., Magna-Lock Inc.
Johanson Gage Co., C. E.
Karniotis Precision Products Inc.
Mahr Gage Co. Inc.
Montgomery & Co. Inc.
Schwartz Precision Tool Sales Co.
Sorensen Center-Mikes Inc.
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
Universal Vise & Tool Co.

SLEEVES, PUNCH SUPPORT

Durable Punch & Die Co.
Lewthwaite Machine Co., T. H.
Porter Precision Products

SLEEVES, TOOLHOLDER

Beaver Tool & Engrg. Corp.
Bethlehem Steel Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bulfoot Co., The
Chi-Co Inc.
Chicago-Latrobe
Cleveland Twist Drill Co., The
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Kromhard Twist Drill Co.
Lehmann-Fulton Boring Tool, Div. Fulton Iron Works
Morse Twist Drill & Machine Co. Div. Van Norman Industries Inc.
Novi Tool & Machine Co.
Scully-Jones & Co.
Universal Engrg. Co.

SLIDES, AUTOMATIC SCREW MACHINES

Screw Machine Tool Co.

SLIDES & FEEDS (see Feeds, Slide)

SLITTING MACHINES, ROTARY KNIVES

Abbey Etna Machine Co.
Amer. Roller Die Corp.
Automatic Feed Co.
Beverly Shear Mfg. Co., The
Brown Boggs Foundry & Machine Co. Ltd.
Case Maul Mfg. Co. Inc.
Daston Div., H. K. Porter Co. Inc.
Kane & Raach Inc.
Niagara Machine & Tool Works
Peck, Stow & Wilcox Co., The
Rafter Machine Co. Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Tishken Products Co.
Waterbury Farrel Foundry & Machine Co., The, Div. Texton Inc.
Yoder Co., The

SLITTING ROLLS (see Rolls, Slitting)

SLITTING SAWS

Amer. Cutter & Engrg. Corp.
Atkins Saw Div., Borg-Warner Corp.
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Circular Tool Co. Inc.
Cleveland Cutter & Reamer Co.
Daston Div., H. K. Porter Co. Inc.
DoAll Co., The
F & D Tool Co. Inc.
Falkner Mfg. Co.

Ford Mfg. Co. Inc., M. A.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Helmemann Saw Corp.
Hunt's Grinding & Mfg.
Hyper Tool Co.
Ill. Tool Works, Machine & Instrument Div.
Loeffel Co. Inc., The Arthur
Martindale Electric Co.
Morse Twist Drill & Machine Co., Div. Van Norman Industries Inc.
Motch & Merryweather Machinery Co., The
National Tool Co.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-Danerell Inc.
O. K. Tool Co. Inc., The
Precision Carbide Co.
Reltool Corp.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sid Tool Co. Inc.
Star Cutter Co.
Thurston Mfg. Co.
Union Twist Drill Co.
Waukegan Quality Tool Works

SLOTING ATTACHMENTS, MILLING

Bodine Corp., The
Carney-Stansfield Co.
Cincinnati Milling & Grinding Machines Inc.
Loeffel Co. Inc., The Arthur
S & S Machinery Co.

SLOTING MACHINES

Austin Industrial Corp.
Barer Engrg. & Machinery Co. Ltd.
Beverly Shear Mfg. Co., The
Carney-Stansfield Co.
Cosa Corp.
Lapointe Machine Co.
Pellow Machine Co.
Rockford Machine Tool Co.
S & S Machinery Co.
Sigma Machinery Inc.
Waterbury Farrel Foundry & Machine Co., The, Texton Inc.

SOLDER

All-State Welding Alloys Co. Inc.
Amer. Smelting & Refining Co.
Atkins Saw Div., Borg-Warner Corp.
Belmont Smelting & Refining Works Inc.
Chase Brass & Copper Co.
Electro-Mation Assoc.
Eutectic Welding Alloys Corp.
Johnson Gas Appliance Co.
Kester Solder Co.
Kindt-Collins Co.
Mico Instrument Co.
Mueller Brass Co.
Wayne Chemical Products Co.

SOLDERING ACCESSORIES

Belmont Smelting & Refining Works Inc.
Brown Boggs Foundry & Machine Co. Ltd.
Hones Inc., Charles A.
Kester Solder Co.
Marquette Mfg. Co. Inc.
Sta-Warm Electric Co.

SOLDERING EQUIPMENT, FLAME

Amer. Gas Furnace Co.
Dockson Corp.
Hones Inc., Charles A.
Linde Co., Div. Union Carbide Corp.
Marquette Mfg. Co. Inc.
Selas Corp. of Amer.
Weldit Inc.
Youngberg Bros.

SOLDERING EQUIPMENT, RESISTANCE

Ideal Industries Inc.

SOLDERING EQUIPMENT, ULTRASONIC

Ideal Industries Inc.

SOLDERING GUNS

General Electric Co., Apparatus Sales Div.
Okun Co. Inc., A. L.
Snap-On Tool Corp.

SOLENOID VALVES (see Valves, Solenoid)

SOLENOIDS

Air Reduction Sales Co.
Allen-Bradley Co.
Automatic Switch Co.
Barnes Corp., John S.
General Electric Co., Apparatus Sales Div.
National Acme Co., The
Westinghouse Electric Corp.

SOLUTIONS, PLATING (see Plating, Solutions)

SOLUTIONS, PROTECTIVE COATING

Aldridge Industrial Oils Inc.
Allied Research Products Inc.
Amchem Products Inc.
Anderson Oil & Chemical Co.
Bruce Products Corp.
Cliff Sales Co.
Cook's Sons Inc., Adam
Detrex Chemical Industries Inc.
Esso Standard Div., Humble Oil & Refining Co.
Firestone Plastics Co., Chemicals Div.
Johnson & Son Inc., S. C.
Kano Labs.
Kerns Co., L. R.
Magnus Chemical Co. Inc.
Markal Co.
Metal Lubricants Co.
Metal & Thermit Corp.
Mobil Oil Co.
National Refining Co., Div. Ashland Oil & Refining Co.
Navan Products Inc.
Oakite Products Inc.
Okun Co. Inc., A. L.
Pate Oil Co.
Pennsalt Chemicals Corp.
Penola Oil Co.
Rust-Lick Inc.
Sanson & Sons Inc., Henry E.
Seal-Peel Co.
Sealube Co.
Sinclair Refining Co.
Specialty Products Co.
Standard Oil Co. of Calif.
Western Operation Inc.
Valvoline Oil Co., Div. Ashland Oil & Refining Co.
Wayne Chemical Products Co.
Webber Gage Co.
Western Coating Co.
White & Bagley Co., The
Wilbur & Williams Co. Inc.

SOLVENTS

(see Compounds, Cleaning)

SOLVENTS, NAPHTHA

Anderson Oil & Chemical Co.
Atlantic Refining Co., The
Continental Oil Co.
Esso Standard Div., Humble Oil & Refining Co.
Gulf Oil Corp.
Metal Lubricants Co.
Mobil Oil Co.
National Refining Co., Div. Ashland Oil & Refining Co.
Pate Oil Co.
Penola Oil Co.
Sinclair Refining Co.
Standard Oil Co. of Calif.
Western Operation Inc.

SORTING EQUIPMENT, DIMENSIONAL

Electro-Autosizing Machine Co.

SORTING MACHINES

U. S. Engrg. Co.

SPACERS, ARBOR

Amer. Cutter & Engrg. Corp.
Beaver Tool & Engrg. Corp.
Bultool Co., The
Cincinnati Milling & Grinding
Machines Inc.
Detroit Stamping Co.
F & D Tool Co. Inc.
Hyper Tool Co.
J & S Tool Co. Inc.
Kearney & Trecker Corp.
Kempamith Machine Co.
Montgomery & Co. Inc.
O. K. Tool Co. Inc., The
Ohio Knife Co., The
Rogers Mfg. Co., Dayton
Scully-Jones & Co.
Sid Tool Co. Inc.
Standard Shop Equip. Co.
Westfield Metal Products Co. Inc.

SPADE DRILLS (see Core & Spade Drills)

SPEED CHANGERS (see Drives, Gear)

SPEEDERS, DRILL, LATHE

Boyar-Schultz Corp.
Dumore Precision Tools Co.
Gardner-Denver Co.
Ward-Riddle Co., The

SPEED LATHES (see Lathes, Speed)

SPINDLE NOSE ATTACHMENTS, LATHE

Black Rock Mfg. Co., The
Chi-Co Inc.
Montgomery & Co. Inc.
S & S Machinery Co.
Waltham Machine Works Inc.

SPINDLES, ADJUSTABLE-AIR

Hypneumat Inc.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

SPINDLES, DRILLING

Bodine Corp., The
Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Buffalo Forge Co.
Drillmation Co. Inc.
Fox Engrg. Co.
Gilman Inc., R. T.
Hill Machine Co.
Hissey-Wolfe Machine Co., The
Hypneumat Inc.
Lamb Co., F. Joseph
Mooradian Mfg. Co.
National Automatic Tool Co.
New Britain Tool & Mfg. Co.
Parker-Majestic Inc.
Pope Machinery Corp.
Selbert & Sons Inc.
Standard Electrical Tool Co.,
Standard Parts Co.
Thompson Mfg. Co., Earl A.
U. S. Electrical Tool Co.
Whitton Mfg. Co., The
Wis. Drill Head Co.

SPINDLES, GRINDING

Brown & Sharpe Mfg. Co., Ma-
chine Tool Div.
Bryant Chucking Grinder Co.
Chi-Co Inc.
Cincinnati Electrical Tool Co.,
The
Dumore Precision Tools Co.
Ex-Cell-O Corp., Detroit
Hissey-Wolfe Machine Co., The
Lapointe Machine Co.
McGonegal Mfg. Co., The
Mooradian Mfg. Co.
Parker-Majestic Inc.
Pope Machinery Corp.
Precise Products Corp.
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.
Standard Electrical Tool Co.,
The
Taft-Peirce Mfg. Co., The
Torrington Co., The
U. S. Electrical Tool Co.
Vulcan Tool Co.
Whitton Mfg. Co., The

SPINDLES, HIGH-SPEED, EXTERNAL

Cincinnati Electrical Tool Co.
Ex-Cell-O Corp., Detroit
Hissey-Wolfe Machine Co., The
Parker-Majestic Inc.
Pope Machinery Corp.
Standard Electrical Tool Co.,
The
Thompson Mfg. Co., Earl A.
U. S. Electrical Tool Co.
Vulcan Tool Co.
Whitton Mfg. Co., The

SPINDLES, HIGH-SPEED, INTERNAL

Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Bryant Chucking Grinder Co.
Cincinnati Electrical Tool Co.,
The
Columbia International Corp.
Ex-Cell-O Corp., Detroit
Hissey-Wolfe Machine Co., The
Lapointe Machine Co.
Parker-Majestic Inc.
Pope Machinery Corp.
Precise Products Corp.
Standard Electrical Tool Co.,
The
U. S. Electrical Tool Co.
Vulcan Tool Co.
Whitton Mfg. Co., The

SPINDLES, HIGH-SPEED MOTORIZED

Bryant Chucking Grinder Co.
Cincinnati Electrical Tool Co.,
The
Ex-Cell-O Corp., Detroit
Gilman Inc., R. T.
Hissey-Wolfe Machine Co., The
Onsrud Machine Co.
Parker-Majestic Inc.
Pope Machinery Corp.
Precise Products Corp.
Standard Electrical Tool Co.,
The
U. S. Electrical Tool Co.
Whitton Mfg. Co., The

SPINDLES, MACHINE

Beaver Tool & Engrg. Corp.
Cincinnati Electrical Tool Co.,
The
Gilman Inc., R. T.
Hissey-Wolfe Machine Co., The
Lemert Engrg. Co. Inc.
Mechanite Metal Corp.
Standard Electrical Tool Co.,
U. S. Electrical Tool Co.
Whitton Mfg. Co., The

SPINDLES, MILLING

Cincinnati Electrical Tool Co.,
The
Futurmill Inc.
Gilman Inc., R. T.
Hissey-Wolfe Machine Co., The
Onsrud Machine Co.
Parker-Majestic Inc.
Pope Machinery Corp.
Precise Products Corp.
S & S Machinery Co.
Standard Electrical Tool Co.,
The
Tru-Trace Corp.
Turchan Followner Machine Co.
U. S. Electrical Tool Co.
Universal Engrg. Co.
Veet Industries
Whitton Mfg. Co., The

SPINDLES, PRECISION BORING

Cincinnati Electrical Tool Co.,
The
Drillmation Co. Inc.
Ex-Cell-O Corp., Detroit
Gilman Inc., R. T.
Hissey-Wolfe Machine Co., The
National Automatic Tool Co.,
Inc.
Parker-Majestic Inc.
Pope Machinery Corp.
S & S Machinery Co.
Simplex Machine Tool Corp.
Standard Electrical Tool Co.,
U. S. Electrical Tool Co.
Whitton Mfg. Co., The

SPINDLES, TAILSTOCK

Pope Machinery Corp.
Whitton Mfg. Co., The

SPINNING LATHES (see Lathes, Spinning)

SPINNING ROLLERS

Gorham Tool Co.
Kane & Roach Inc.
Precision Detroit Co.

SPINNING TOOLS

Boice-Crane Co.
Carbide Tool Co.
Craig Tools Inc.
Glenhard Tool Mfrs. Inc.
Hyper Tool Co.
Oliver Machinery Co.
Precision Detroit Co.

SPLINE ARBORS & CHUCKS

Apex Broach Co. Inc.
Chi-Co Inc.
Speedgrip Chuck, Div. Ernest,
Holdeman & Collet Inc.
Spline-Master Sales Engrg. Co.
Woodworth Co., N. A.

SPLINE HOBBING MACHINES

Bachmann Co. Inc., Eric R.
Barber-Colman Co.
Lees-Bradner Co., The
Orban Co. Inc., Kurt
S & S Machinery Co.
Waltham Machine Works Inc.

SPOTFACERS

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Arrow Tool & Reamer Co.
B & W Precision Products Co.
Brubaker Tool Corp.
Buckeye Tools Corp.
Carbide Tool Co.
Carbide Tools Inc.
Chicago-Latrobe
Cleveland Cutter & Reamer Co.
Cleveland Twist Drill Co., The
Coffey-Cummins Mfg. Co.
Cogsdill Tool Products Inc.
Craig Tools Inc.
Dawson Tool Co.
DoAll Co., The
Eclipse Counterbore Co.
Ex-Cell-O Corp., Detroit
Gairing Tool Co.
Gardner-Denver Co.
Genesee Mfg. Co.
Glenhard Tool Mfrs. Inc.
Goddard & Goddard Co.
Hunt's Grinding & Mfg.
Hyper Tool Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Lovejoy Tool Co. Inc.
Lund Mfg. Co.
Marcoloy Inc.
Metal Cutting Tools Inc.
Mohawk Tools Inc.
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
National Twist Drill & Tool Co.
Niagara Cutter Div., Bollier-
Damerell Inc.
Nobur Mfg. Co.
Special Drill & Reamer Corp.
Taft-Peirce Mfg. Co., The
Wesmen Co.
Wetmore Tool & Engrg. Co.
Williams Industries, W. W.

SPOTFACING TOOLS & COUNTERBORES (see Counterbores & Spotfacing Tools)

SPRAY BOOTH COATING

Bruce Products Corp.
Detrex Chemical Industries Inc.
Fidelity Chemical Products
Corp.
Kelite Corp.
Kerns Co., L. R.
Keystone Lubricating Co.
Magnus Chemical Co. Inc.
Okun Co. Inc., A. L.
Pennsalt Chemicals Corp.
Wayne Chemical Products Co.

SPRAYING EQUIPMENT, METAL (see Metal Spraying, Equipment)

SPRAY GUNS & ACCESSORIES

Alemite Div., Stewart-Warner
Corp.
Conforming Matrix Corp.
DeVilbiss Co., The
Eclipse Air Brush Co.
Lea-Michigan Inc.

SPRAY PAINTING BOOTH EQUIPMENT (see Painting Booth Equipment, Spray)

SPRING FORMING MACHINES

Advance Car Mover Co. Inc.
Girard Assoc.
Hjorth Lathe & Tool Co.
Inter-Lakes Engrg. Co.
Lapointe Machine Co.
Martindale Electric Co.
O'Neil-Irwin Mfg. Co.
S & S Machinery Co.
Sigma Machinery Inc.
Torrington Mfg. Co., Machine
Div.

SPRING PLUNGERS

Harco Engrg.
Jergens Tool Specialty Co.
Lodding Inc.
Siewek Tool Co.
Tomco Inc.

SPRINGS, COMPRESSION

Amer. Steel & Wire Div., U. S.
Steel Corp.
Crucible Steel Co. of Amer.
Elgin National Watch Co., Abra-
sives Div.
Hardware Products Co.
Raymond Mfg. Div., Associated
Spring Corp.
Standard Die Set Co., Div.
Harco Corp.
Taylor Devices Inc.
Wales Strippl' Inc., Unit
Houdaille Industries Inc.

SPRINGS, BELLEVILLE

Garrett Co. Inc., George K.
Neise, Karl A.
Raymond Mfg. Div., Associ-
ated Spring Corp.
Toolset Inc.

SPRINGS, DIE

Amer. Steel & Wire Div., U. S.
Steel Corp.
Danly Machine Specialties Inc.
Die Set Div., Producto Ma-
chine Co.
Lempco Industrial Inc., Ma-
chine & Tool Div.
Neise, Karl A.
Raymond Mfg. Div., Associated
Spring Corp.
Richard Bros. Punch Div.,
Allied Products Corp.
Standard Die Set Co., Div.,
Harco Corp.
Taylor Devices Inc.
Wales Strippl' Inc., Unit
Houdaille Industries Inc.
Waltham Machine Works Inc.

SPRINGS, LEAF

Amer. Steel & Wire Div., U. S.
Steel Corp.
Crucible Steel Co. of Amer.
Lapointe Machine Co.
U. S. Steel Corp.

SPRINGS, SPECIAL FORM

Amer. Steel & Wire Div., U. S.
Steel Corp.
Colo. Fuel & Iron Corp.
Eaton Mfg. Co.
Elgin National Watch Co.,
Abrasive Div.
Hardware Products Co.
Hunter Spring Co., Div., Amer.
Machine & Metal Inc.
Raymond Mfg. Div., Associated
Spring Corp.
Standard Die Set Co., Div.
Harco Corp.
Taylor Devices Inc.

PRODUCTS

SPRINGS, SPECIAL FORM

(cont.)

U. S. Rubber Co.
U. S. Steel Corp.

SPRINGS, TENSION

Amer. Steel & Wire Div., U. S. Steel Corp.
Colo. Fuel & Iron Corp.
Crucible Steel Co. of Amer.
Elgin National Watch Co., Abrasives Div.
Hardware Products Co.
Hunter Spring Co., Div., Amer. Machine & Metal Inc.
Raymond Mfg. Div., Associated Spring Corp.
Standard Die Set Co., Div. Harco Corp.
Taylor Devices Inc.

SPRINGS, WIRE

Amer. Steel & Wire Div., U. S. Steel Corp.
Colo. Fuel & Iron Corp.
Eastern Tool & Mfg. Co.
Elgin National Watch Co., Abrasives Div.
Hardware Products Co.
Hunter Spring Co., Div., Amer. Machine & Metal Inc.
P.C. Design Corp.
U. S. Steel Corp.

SPROCKETS

Ailing-Lander Co. Inc.
Bond Co., Charles
Brad Foote Gear Works Inc.
Cloyes Gear & Products Inc.
Dodge Mfg. Corp.
Federal Gear Inc.
Ferguson Gear Co.
Hamilton Gear & Machine Co.
Industrial Gear Mfg. Co.
Link-Belt Co.
Main & Sons Inc., Robert A.
Meehanite Metal Corp.
Ohio Forge & Machine Co. Inc.
Oliver Gear & Machine Co. Inc.
Rawling Gear Works Inc.
Rogers Mfg. Co., Dayton
Sewall Mfg. Co., E. B.
Simonds Gear & Mfg. Co., The
Stahl Gear & Machine Co., The
Watson Co., Ray V.
Western Gear Corp.

SQUARING SHEARS (see Shears, Squaring)

STACKERS, SHEET

Montgomery & Co. Inc.
Murray-Way Corp.

STAINLESS STEEL (see Steel)

STAKING ACCESSORIES

Apex Broach Co. Inc.
High-Speed Hammer Co., Inc., The

STAKING MACHINES

Acme Broach Corp.
Apex Broach Co. Inc.
Black & Webster Inc.
High-Speed Hammer Co., Inc., The
M & M Tool & Mfg. Co.
Sales Service Machine Tool Co. (Havir)

STAKING TOOLS

Acme Broach Corp.
Apex Broach Co. Inc.
Carbide Tools Inc.
Coffey-Cummins Mfg. Co.
Glenbard Tool Mfrs. Inc.
High-Speed Hammer Co., Inc.
Lund Mfg. Co.
Payne Tool & Engrg. Co. The
Sales Service Machine Tool Co. (Havir)
Universal Instrument Corp.

STAMPS, STEEL

Acme Marking Equip. Co.
Acromark Co. The
Bethlehem Steel Co.
Cadillac Stamp Co.

Cunningham Co., M. E.
Defiance Machine & Tool Co.
Imperial Stamping & Engraving
Noble & Westbrook Mfg.
Pannier Corp., The
Parker-Hartford Corp., The
Schmidt Inc., Geo. T.
Sid Tool Co., Inc.
Worster Stamping Co.
Wright & Sons, Gregg G.

STAPLING MACHINES, METAL STITCHER

Acme Steel Co.
Bostitch Inc.
Connelly Machine Works

STARTERS MOTOR (see Motor Controllers & Starters)

STEADY RESTS

Amer. Tool Works Co., The
Carbide Tools Inc.
Last Word Sales Co.
Lehmann-Brandes Machine Co.

STEEL BARS, COLD-FINISHED

Bliss & Laughlin Inc.
LaSalle Steel Co.
Milne & Co. Inc., A.

STEEL, COLD-ROLLED

Allegheny Ludlum Steel Corp.
Amer. Steel & Wire Div., U. S. Steel Corp.
Armco-Steel Corp.
Bethlehem Steel Co.
Crucible Steel Co. of Amer.
Inland Steel Co.
Jones & Laughlin Steel Corp.
LaSalle Steel Co.
McLouth Steel Co.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
Uddelholm Co. of Amer. Inc.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.
Wyckoff Steel Co.

STEEL, FORMS & SHAPES

Acorn Iron & Supply Co.
Allegheny Ludlum Steel Corp.
Amer. Steel & Wire Div., U. S. Steel Corp.
Babcock & Wilcox Co., Tubular Products Div.
Bethlehem Steel Co.
Carpenter Steel Co., The
Commercial Shearing & Stamping Co.
Crucible Steel Co. of Amer.
Eastern Tool & Mfg. Co.
Inland Steel Co.
Jones & Laughlin Steel Corp.
Latrobe Steel Co.
Payne Tool & Engrg. Co., The
Pittsburgh Tool Steel Wire, Vanadium-Alloys Steel Co.
Porter Co. Inc., H. K. Vulcan
Kidd Steel Div.
Republic Steel Corp.
Roll Formed Products Co.
Ryerson & Son Inc., Joseph T.
Townsend Co.,
U. S. Steel Corp.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.
Wyckoff Steel Co.
Youngstown Sheet & Tube Co.

STEEL PLATE, GROUND

Bethlehem Steel Co.
Crucible Steel Co. of Amer.
Marshall Steel Co.
Milne & Co. Inc., A.
Pittsburgh Tool Steel Wire Div.
Vanadium-Alloys Steel Co.
Precision Products Co.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
Sal Metal Products Co. Inc.
Standard Die Set Co., Div.
Harco Corp.
U. S. Steel Corp.
Vanadium-Alloys Steel Co.

STEEL PLATE, SEMIFINISHED

Allegheny Ludlum Steel Corp.
Bethlehem Steel Co.
Crucible Steel Co. of Amer.
Inland Steel Co.

Jessop Steel Co.
Jones & Laughlin Steel Corp.
LeTourneau Inc., R. G.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
U. S. Steel Corp.
Vanadium-Alloys Steel Co.

STEEL ROD, GROUND

Allegheny Ludlum Steel Corp.
Amer. Steel & Wire Div., U. S. Steel Corp.
Bethlehem Steel Co.
Boyd-Wagner Co.
Crucible Steel Co. of Amer.
DoAll Co., The
Jessop Steel Co.
Jones & Laughlin Steel Corp.
Latrobe Steel Co.
Pittsburgh Tool Steel Wire Div., Vanadium-Alloys Steel Co.
Porter Co. Inc., H. K. Vulcan
Kidd Steel Div.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
U. S. Steel Corp.
Vanadium-Alloys Steel Co.
Wyckoff Steel Co.

STEEL ROD, SEMIFINISHED

Allegheny Ludlum Steel Corp.
Amer. Steel & Wire Div., U. S. Steel Corp.
Bethlehem Steel Co.
Crucible Steel Co. of Amer.
De Van-Johnson Co.
Jones & Laughlin Steel Corp.
Pittsburgh Tool Steel Wire Div., Vanadium-Alloys Steel Co.
Porter Co. Inc., H. K. Vulcan
Kidd Steel Div.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
U. S. Steel Corp.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.

STEEL SHEET

Allegheny Ludlum Steel Corp.
Armco-Steel Corp.
Bethlehem Steel Co.
Crucible Steel Co. of Amer.
Great Lakes Steel Corp.
Inland Steel Co.
Jessop Steel Co.
Jones & Laughlin Steel Corp.
McLouth Steel Co.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
U. S. Steel Corp.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.
Youngstown Sheet & Tube Co.

STEEL SHOT

Globe Steel Abrasive Co., The
Lukens Steel Co.
Orban Co. Inc., Kurt
Pangborn Corp.
Vanadium-Alloys Steel Co.
Wheelabrator Corp.
Youngstown Sheet & Tube Co.

STEEL STRIP

Allegheny Ludlum Steel Corp.
Amer. Steel & Wire Div., U. S. Steel Corp.
Armco-Steel Corp.
Bethlehem Steel Co.
Carpenter Steel Co., The
Crucible Steel Co. of Amer.
Great Lakes Steel Corp.
Inland Steel Co.
Jones & Laughlin Steel Corp.
Jones & Laughlin Steel Corp., Stainless & Strip Div.
McLouth Steel Co.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
Uddelholm Co. of Amer. Inc.
U. S. Steel Corp.
Universal-Cyclops Steel Corp.

STEEL, STRUCTURAL

Acorn Iron & Supply Co.
Bethlehem Steel Co.
Colo. Fuel & Iron Corp.
Inland Steel Co.
Jones & Laughlin Steel Corp.
Mahon Co., The R. C.
Ryerson & Son Inc., Joseph T.

U. S. Steel Corp.
Youngstown Sheet & Tube Co.

STEEL TUBING

Aerogrip Corp.
Allegheny Ludlum Steel Corp.
Armco-Steel Corp.
Babcock & Wilcox Co., Tubular Products Div.
Bethlehem Steel Co.
Carpenter Steel Co., The
Columbia Steel & Shafting Co.
Crucible Steel Co. of Amer.
Diamondite Products Mfg. Co.
Div. U. S. Ceramic Tile Div.
Jones & Laughlin Steel Corp.
Ohio Seamless Tube Co., Div.
Copperweld Steel Co.
Orban Co. Inc., Kurt
Republic Steel Corp.
Revere Copper & Brass Inc.
Ryerson & Son Inc., Joseph T.
Superior Tube Co.
Timken Roller Bearing Co.
Uddelholm Co. of Amer. Inc.
U. S. Steel Corp.
Vanadium-Alloys Steel Co.
Youngstown Sheet & Tube Co.

STEEL WIRE

Allegheny Ludlum Steel Corp.
Amer. Steel & Wire Div., U. S. Steel Corp.
Armco-Steel Corp.
Bethlehem Steel Co.
Carpenter Steel Co., The
Colo. Fuel & Iron Corp.
Crucible Steel Co. of Amer.
Eaton Mfg. Co.
Eaton Mfg. Corp., Reliance Div.
Jones & Laughlin Steel Corp.
Jones & Laughlin Steel Corp., Stainless & Strip Div.
National Lock Washer Co.
Orban Co. Inc., Kurt
Pittsburgh Tool Steel Wire Div., Vanadium-Alloys Steel Co.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
U. S. Steel Corp.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.

STEELS, HEAT-RESISTING

Allegheny Ludlum Steel Corp.
Armco-Steel Corp.
Bethlehem Steel Co.
Boyd-Wagner Co.
Carpenter Steel Co., The
Crucible Steel Co. of Amer.
Jessop Steel Co.
Jones & Laughlin Steel Corp.
Jones & Laughlin Steel Corp., Stainless & Strip Div.
Latrobe Steel Co.
Marathon Special Steels Inc.
McLouth Steel Co.
Republic Steel Corp.
Simonds Saw & Steel Co.
Timken Roller Bearing Co.
U. S. Steel Corp.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.

STEELS, HIGH-SPEED

Allegheny Ludlum Steel Corp.
Bethlehem Steel Co.
Boyd-Wagner Co.
Braeburn Alloy Steel Corp.
Carpenter Steel Co., The
Crucible Steel Co. of Amer.
Darwin & Milner Inc.
Firth Sterling Inc.
Jessop Steel Co.
Jones & Laughlin Steel Corp.
Latrobe Steel Co.
Marathon Special Steels Inc.
Milne & Co. Inc., A.
Porter Co. Inc., H. K. Vulcan
Kidd Steel Div.
Republic Steel Corp.
Simonds Saw & Steel Co.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.

STEELS, SPECIALTY

Universal-Cyclops Steel Corp.

STEELS, STAINLESS

Allegheny Ludlum Steel Corp.
Amer. Steel & Wire Div., U. S. Steel Corp.

Armco-Steel Corp.
Babcock & Wilcox Co., Tubular Products Div.
Carpenter Steel Co., The
Chase Brass & Copper Co.
Crucible Steel Co. of Amer.
Jesseop Steel Co.
Jones & Laughlin Steel Corp.
Jones & Laughlin Steel Corp., Stainless & Strip Div.
Larrobe Steel Co.
Mallory & Co. Inc., P. R.
Marathon Special Steels Inc.
McLouth Steel Co.
Orban Co. Inc., Kurt
Pheoli Mfg. Co.
Pioneer Aluminum Inc.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
Simonds Saw & Steel Co.
Timken Roller Bearing Co.
U. S. Steel Corp.
Universal-Cyclops Steel Corp.
Washington Steel Co.

STEELS, TOOL

Allegheny Ludlum Steel Corp.
Bethlehem Steel Co.
Boyd-Wagner Co.
Braeburn Alloy Steel Corp.
Carpenter Steel Co., The
Columbia Tool Steel Co.
Crucible Steel Co. of Amer.
Darwin & Milner Inc.
DoAll Co., The
Firth Sterling Inc.
Great Lakes Steel Corp.
Heller Tool Co., Subsidiary
Simonds Saw & Steel Co.
Jesseop Steel Co.
Jones & Laughlin Steel Corp.
Larrobe Steel Co.
Marathon Special Steels Inc.
Milne & Co. Inc., A.
Mohawk File & Tool Co.
Pittsburgh Tool Steel Wire Div., Vanadium-Alloys Steel Co.
Porter Co. Inc., H. K., Vulcan Kidd Steel Div.
Republic Steel Corp.
Ryerson & Son Inc., Joseph T.
Simonds Saw & Steel Co.
Timken Roller Bearing Co.
Uddelholm Co. of Amer. Inc.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.
Ziv Steel & Wire Co.

STEP BLOCKS, WORK-CLAMPING

Acme-Danneman Co. Inc.
Armstrong Bros. Tool Co.
Montgomery & Co. Inc.
Neise, Karl A.
Northwestern Tools Inc.
Podlin Tool Co.
Tietzmann Tool Corp.

STEP DRILLS (see Drills, Step)

STOCK, FLAT GROUND (see Flat Stock, Ground)

STOCK GUIDES (see Guides)

STOCK OILERS (see Oilers)

STOCK REELS (see Reels, Stock)

STOCK SEPARATORS (see Separators, Stock)

STOCK STRAIGHTENERS (see Straighteners, Stock)

STRAIGHT EDGES

Accurite Surface Plate Co.
Acme Tool Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bruning Co. Inc., Chas.
Bush Co., J. C.
Challenge Machinery Co., The
Collins Microflat Co.
Dietsgen Co., Eugene
DoAll Co., The
Elkro Co., The
Johannson Gage Co., C. E.

Lawley Granite Surface Plate Co. Inc.
Marshall Steel Co.
Niagara Machine & Tool Works
Ohio Knife Co., The
Rahn Granite Surface Plate Co.
Starrett Co., The L. S.
Stone Co., The Herman
Swedish Gage Co.
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The

STRAIGHTENERS, SHAFT

Colonial Broach & Machine Co.
General Mfg. & Engrg. Co.
Industrial Metal Products Corp.
Kane & Roach Inc.
S & S Machinery Co.
Sutton Engrg. Co.
Wood Co., R. D.

STRAIGHTENERS, STOCK

Automatic Feed Co.
Benchmark Mfg. Co.
Bliss Co., E. W.
Cooper Weymouth Inc.
Dahlstrom Machine Works Inc.
Dickerman Mfg. Co., H. E.
Dumont Tool Co.
Kane & Roach Inc.
LaBahn Roll Reed Corp.
Lapointe Machine Co.
Lewis Machine Co., The, Div.
Curtis Mfg. Co.
Littell Machine Co., F. J., Vac-U-Mation Div.
Loma Machine Mfg. Co., Inc.
McKay Machine Co., The
Metzler Machine Tool Co. Inc., Shuster Div.
Montgomery & Co. Inc.
Nilson Machine Co., The A. H.
Patterson Machine Co., The Geo. C.
Rowe Machinery & Mfg. Co.
S & S Machinery Co.
Secrest Machine Co.
Special Engrg. Service Inc.
Sperman Metal Specialties
Sutton Engrg. Co.
Tishken Products Co.
U. S. Tool Co. Inc.
Waterbury Farrel Foundry & Machine Co. The

STRAIGHTENERS, TUBE

Metzler Machine Tool Co. Inc.

STRAIGHTENERS, WIRE

Baird Machine Co., The
Cooper Weymouth Inc.
Dickerman Mfg. Co., H. E.
Dumont Tool Co.
Kane & Roach Inc.
La Bahn Roll Reed Corp.
Lewis Machine Co., The, Div.
Curtis Mfg. Co.
Metzler Machine Tool Co. Inc., Shuster Div.
Montgomery & Co. Inc.
Nilson Machine Co., The A. H.
Patterson Machine Co., The Geo. C.
S & S Machinery Co.
Special Engrg. Service Inc.
U. S. Tool Co. Inc.
Universal Instrument Corp.
Waterbury Farrel Foundry & Machine Co., The
Willey's Carbide Tool Co.

STRAP CLAMP, WORK CLAMPING

Acme-Danneman Co. Inc.
Armstrong Bros. Tool Co.
Carr Lane Mfg. Co.
Custanite Corp.
Harco Engrg.
Hi-Lo Products Co., Div., Steel City Testing Machine Co.
Lodding Inc.
Monroe Engrg. Products Inc.
Montgomery & Co. Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Northwestern Tools Inc.
Podlin Tool Co.
Standard Parts Co.
Universal Vise & Tool Co.
Williams & Co. J. H.

STRETCH FORMING MACHINES

Arrowsmith Tool & Die Corp.
Greenerd Arbor Press Co.
Hydraulic Press Mfg. Co., Div.
Koehring Co.
Oliver Corp., The, A. B.
Farquhar Div.
Taylor-Winsford Corp.

STRIPPERS, PUNCH

Acme-Danneman Co. Inc.
Di-dro Engrg. Co.
Durable Punch & Die Co.
Richard Bros. Punch Div., Allied Products Corp.
Ward Machinery Co.

STRIPPERS, WIRE

Fidelity Chemical Products Corp.
General Hardware Mfg. Co. Inc.
High Speed Hammer Co. Inc.
Hunter Tools
Ideal Industries Inc.
Martindale Electric Co.
Proto Tool Co., Div. Pendleton Tool Industries Inc.

STRIPPING WIRE

Bethlehem Steel Co.

STROBOSCOPIC EQUIPMENT (see Testing Machines)

STRUCTURAL STEEL (see Steel, Structural)

STUD DRIVERS

Chicago Pneumatic Tool Co.
Detroit Power Screwdriver Co.
Ingersoll-Rand Co.
Nelson Inc., E. V.
Nelson Stud Welding, Div.
Gregory Industries Inc.
Newage Industries Inc.
Remington Arms Co. Inc.
Roman Inc.
Scully-Jones & Co.
Thor Power Tool Co.
Titan Tool Co.
Tubular Rivet & Stud Co.

STUDS

Bethlehem Steel Co.
Bultool Co., The
Carr Lane Mfg. Co.
Chase Brass & Copper Co.
Commercial Shearing & Stamp- ing Co.
Crayton Co., F. M.
Harco Engrg.
Hassall Inc., John
Jergens Tool Specialty Co.
Jerpak Bayless Co.
Lodding Inc.
Monroe Engrg. Products, Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Nelson Stud Welding, Div., Gregory Industries Inc.
New England Tubular Rivet Ottemiller Co., The Wm. H.
Pewtucket Mfg. Co.
PIC Design Corp.
Podlin Tool Co.
Remington Arms Co. Inc.
Republic Steel Corp.
Roman Inc.
Slewak Tool Co.
Standard Parts Co.
Standard Pressed Steel Co.
Standard Screw Co.
Star Stainless Screw Co.
Tietzmann Tool Corp.
Tomco Inc.
Townsend Co.
Tubular Rivet & Stud Co.

SUBLAND DRILLS (see Drills, Subland)

SURFACE FINISH MEASURING MACHINES (see Inspection Equipment, Surface Finish)

SURFACE PLATES

Accurite Surface Plate Co.
Acme-Danneman Co. Inc.

Acme Tool Corp.
Acorn Iron & Supply Corp.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Bush Co., J. C.
Challenge Machinery Co., The
Collins Microflat Co.
Danly Machine Specialties Inc.
DoAll Co., The
Dunham Tool Co. Inc., The
Elkro Co., The
Ex-Cell-O Corp., Greenville Plant
Goodman Mfg. Co., Industrial Mfg. Div.
Machine Products Corp.
Mahr Gage Co. Inc.
Meehanite Metal Corp.
Mojave Granite Co.
Montgomery & Co. Inc.
Oliver Machinery Co.
Pratt & Whitney Co. Inc.
Precision Processing Co.
Ren Plastics Inc.
S & S Machinery Co.
Sal Metal Products Co. Inc.
Scherr-Tumico Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sid Tool Co. Inc.
Stone Co., The Herman
Swiss Precision Tool Co.
Taft-Peirce Mfg. Co., The
U. S. Tool Co. Inc.

SWAGING MACHINES

Abbey Etna Machine Co.
Fenn Mfg. Co. The
Girard Assoc.
Lemert Engrg. Co. Inc.
Resistoflex Corp.
S & S Machinery Co.
Torrington Co., The
Vall Engrg. Co., The
Waterbury Farrel Foundry & Machine Co., Div. The, Tex- tron Inc.

SWITCHES, CONTROL

Automatic Switch Co.

SWITCHES, FOOT

Allis-Chalmers Mfg. Co.
Allen-Bradley Co.
Clark Controller Co., The
Furnas Electric Co.
General Controls Co.
Micro Switch Div., Minneapolis- Honeywell Co.
Square D Co.
Vemaline Products Co.

SWITCHES, LIMIT

Allen-Bradley Co.
Clark Controller Co., The
Consolidated Controls Corp.
Denison Mfg. Co., R. B.
Furnas Electric Co.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Johannson Gage Co., C. E.
Mallory & Co. Inc., P. R.
Micro Switch Div., Minneapolis- Honeywell Co.
National Acme Co. Inc.
Square D Co.
United Electric Controls Co.
Webb Co., Jervis B.
Westinghouse Electric Corp.

SWITCHGEARS

Allis-Chalmers Mfg. Co.
General Electric Co., Apparatus Sales Div.
I-T-E Circuit Breaker Co.
Square D Co.
Westinghouse Electric Corp.

T-SLOT BOLTS & NUTS

Northwestern Tools, Inc.

TABLES, ELEVATING

Aronson Machine Co.
Eliar Engrg. Co. Inc.
H B Tools
Hamilton Tool Co., The
Jarke Mfg. Co.
Joyce-Cridland Co., The

PRODUCTS

TABLES, ELEVATING (cont.)

Machine Products Corp.
Montgomery & Co. Inc.
Pandjiris Weldment Co.
Raymond Corp., The
Revolator Co.
Rotary Lift Co., Div. Dover Corp.
Standard Electrical Tool Co., The
Swift Ohio Corp.

TABLES, INDEXING

AA Gage Co., Design Engrg. Div.
Acme Tool Corp.
Agnew Machine Co.
Air-Hydraulics Inc.
Allenair Corp.
Amer. Tool Works Co., The
Associated Machine Tool Corp.
Avey Div., Motch & Merryweather Machinery Co., The
Bellows-Valvair, Div. IBEC
Bentley Industrial Corp.
Black & Webster Inc.
Bodine Corp., The
Bullard Co., The
Chicago Tool & Engrg. Co.
Cimco Engrg. Co.
Cincinnati Gilbert Machine Tool Co., The
Cleereman Machine Tool Corp.
Cleveland Pneumatic Industries, Industrial Products Div.
Cleveland Universal Jig Co.
Colonial Broach & Machine Co.
Cook & Sons Inc., Philip
Defiance Machine & Tool Co.
Denison Engrg. Div., Amer.
Brake Shoe Co.
DeVlieg Machine Co.
Drillunit Inc.
Eisler Engrg. Co. Inc.
Erickson Tool Co.
Etico Tool & Machine Co. Inc.
Expert Weld Machine Co., Expert Automatic Machine Co.
Federal Machine & Welder Co.
Ferguson Machine Corp.
Giddings & Lewis Machine Tool Co.
Gray Equip. Co.
Hartford Special Machine Co.
Hole Engrg. Service
Ingersoll Milling Machine Co.
Inter-Lakes Engrg. Co.
Kaufman Mfg. Co.
Kempsmith Machine Co.
Knight Machinery Co., W. B.
Lamb Co., F. Jos.
Love Brothers-Pyott
M & M Tool & Mfg. Co.
Machine Products Corp.
Mead Specialties Co.
Meehanite Metal Corp.
Micro-Path Inc., Subsidiary
United Industrial Corp.
Morris Machine Tool Co.
Morrison Engrg. Co.
Neise, Karl A.
Opto-Metric Tools Inc.
Osborn Mfg. Co.
Pratt & Whitney Co. Inc.
Precision Detroit Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Scherr-Tumlico Co.
Sheppard, Stanley
Sid Tool Co. Inc.
Smith & Son Inc., James
Special Machinery Div., Producto Machine Co.
Standard Tool & Mfg. Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Swanson-Erie Corp.
Swift Ohio Corp.
Sylvania Lighting Products, Equip. Development Plant
Troyke Mfg. Co.
Universal Vise & Tool Co.

TABLES, LAYOUT

Acorn Iron & Supply Co.
Bentley Industrial Corp.
Challenge Machinery Co., The
Cincinnati Milling & Grinding Machines Inc.

Cleereman Machine Tool Corp.
Columbia International Corp.
Love Brothers-Pyott
Lyon Metal Products Inc.
Machine Products Corp.
Master Mfg. Co.
Micro-Path Inc., Subsidiary
United Industrial Corp.
Mohawk File & Tool Co.
Morrison Engrg. Co.
Oliver Machinery Co.
Optical Gaging Products Inc.
Portage Machine Co.
Rahn Granite Surface Plate Co.
S & S Machinery Co.
Sterling Factory Equip. Co.

TABLES, DUPLICATING

Kalins & Co., J. M.

TABLES, POSITIONING

Amer. Tool Works Co., The
Burg Tool Mfg. Co. Inc.
Cleereman Machine Tool Corp.
Thomas Machine Mfg. Co.
Veet Industries

TABLES, ROTARY INDEXING

AA Gage Co., Design Engrg. Div.
Acme Tool Corp.
Advance Products Corp.
Agnew Machine Co.
Air-Hydraulics Inc.
Alina Corp.
Allenair Corp.
Amer. Slip Corp.
Associated Machine Tool Corp.
Avey Div., Motch & Merryweather Machinery Co., The
Baird Machine Co., The
Barnes Corp., John S.
Bellows-Valvair, Div. IBEC
Benerson Corp.
Bentley Industrial Corp.
Black Rock Mfg. Co., The
Borel & Dunner
Bridgeport Machines Inc.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Carney-Stansfield Co.
Chicago Tool & Engrg. Co.
Cincinnati Gilbert Machine Tool Co., The
Cleveland Pneumatic Industries, Industrial Products Div.
Cook & Sons Inc., Philip
Columbia International Corp.
Custom Scientific Instruments
DeVlieg Machine Co.
Erickson Tool Co.
Etico Tool & Machine Co. Inc.
Expert Welding Machine Co., Expert Automatic Machine Co.
Giddings & Lewis Machine Tool Co.
Gorton Machine Co., George
Gray Equip. Co.
Hartford Special Machine Co.
Hole Engineering Service
Homestrand Machine Tool Corp.
Index Machine Co.
Ingersoll Milling Machine Co.
International Machine & Tool
Jackson Fluid Power Co.
Kaufman Mfg. Co.
Knight Machinery Co., W. B.
Lamb Co., F. Jos.
Lapointe Machine Tool Co.
Livermois Engrg. Co.
Machine Products Corp.
Manex Machinery Corp.
Mead Specialties Co.
Morris Machine Tool Co.
Morrison Engrg. Co.
Neise, Karl A.
Portage Machine Co.
Pratt & Whitney Co. Inc.
S & S Machinery Co.
Scharmann Machine Corp.
Scherr-Tumlico Co.
Sheppard, Stanley
Sid Tool Co. Inc.
Standard Tool & Mfg. Co.
Sundstrand-Amer. Broach, Div.
Sundstrand Corp.
Swanson-Erie Corp.
Swift Ohio Corp.
Troyke Mfg. Co.
Turner Bros. Inc.
Union Mfg. Co.

TACHOMETERS

Diehl Mfg. Co.
Sticht Co. Inc., Herman H.

TAMPERS, PNEUMATIC

Cleco Air Tools, Div. Reed
Roller Bit Co.
Gardner-Denver Co.
Ingersoll-Rand Co.

TANKS, COOLANT

(see Reservoir Units)

TANKS, ELECTRICALLY HEATED

Sta-Warm Electric Co.

TANKS, METAL CLEANING

Bethlehem Steel Co.
Circo Equip. Co.
Detrex Chemical Industries Inc.
Hones Inc., Charles A.
Littleford Brothers Inc.
Magnus Chemical Co. Inc.
Mahon Co., The R. C.

TANKS, RUBBER LINED

Gates Rubber Co., The
Goodrich Industrial Products, B. F., Div. B. F. Goodrich Co.
Kirk & Blum Mfg. Co.
Littleford Brothers Inc.

TANTALUM

Universal-Cyclops Steel Corp.

TAP CHUCKS, FRICTION

Errington Mechanical Lab. Inc.
Jones & Lamson Machine Co.
Procunier Safety Chuck Co.
Sid Tool Co. Inc.
Supreme Products Corp.

TAP & DRILL EXTRACTORS

(see Extractors, Tap & Drill)

TAPE, GUMMED, MASKING

Behr-Manning Co., Div. Norton
Brady Co., W. H.
Johns-Manville Sales Corp.
Topflight Corp., Topflight Tool Co. Div.

TAPE PREPARATION

EQUIPMENT, NUMERICAL (see Numerical Tape)

TAPER ATTACHMENTS, LATHE

Associated Machine Tool Corp.
Black Rock Mfg. Co., The
Carney-Stansfield Co.
Jones & Lamson Machine Co.
Mohawk File & Tool Co.
S & S Machinery Co.

TAPHOLDERS (see Toolholders, Tap)

TAPPERS, PORTABLE ELECTRIC

Black & Decker Mfg. Co., The
Chicago Pneumatic Tool Co.
Dumore Precision Tools Co.
Portomag Inc.
Thor Power Tool Co.

TAPPERS, PORTABLE PNEUMATIC

Aro Equip. Corp., The
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Gardner-Denver Co.
Ingersoll-Rand Co.
Master Power Corp., Black & Decker Subsidiary
Newage Industries Inc.
Thor Power Tool Co.

TAPPING ATTACHMENTS

AMF Tool Div., Amer. Machine & Foundry Co.
Alina Corp.
Avey Div., Motch & Merryweather Machinery Co., The
B.S.A. Tools Ltd.
Black & Decker Mfg. Co., The
Boyar-Schultz Corp.
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
Custanite Corp.

Detroit Tap & Tool Co.
Dumore Precision Tools Co.
Errington Mechanical Lab. Inc.
Etico Tool & Machine Co. Inc.
Federal-Bryant Machinery Co.
Homestrand Machine Tool Corp., Tapping Div.
Hjorth Lathe & Tool Co.
Jarvis Corp.
LeCount Tool Works Inc.
Leland-Gifford Co.
M.B.I. Export & Import Ltd.
Magic City Machine & Tool Co.
McCrosky Tool Corp.
Montgomery & Co. Inc.
Procunier Safety Chuck Co.
Ritmar Corp.
Scully-Jones & Co.
Sid Tool Co. Inc.
Snow Mfg. Co.
Supreme Products Corp.
Tappmatic Corp.
Thriftmaster Products Corp.
U. S. Drill Head Co.
Wickman Mfg. Co.

TAPPING HEADS

AMF Tool Div., Amer. Machine & Foundry Co.
Alina Corp.
Armite Labs.
Avey Div., Motch & Merryweather Machinery Co., The
Bodine Corp., The
Boyar-Schultz Corp.
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
Davis Div., Giddings & Lewis Machine Tool Co.
Detroit Tap & Tool Co.
Drillmaton Co. Inc.
Drillunit Inc.
Dumore Precision Tools Co.
Errington Mechanical Lab. Inc.
Etico Tool & Machine Co. Inc.
Falcon Tool Co. (Kwiklok)
Federal-Bryant Machinery Co.
Hartford Special Machine Co.
Hause Machines Inc.
Hole Engrg. Service
Hypneumat Inc.
Jarvis Corp.
Jersey Mfg. Co.
Johnson Drill Head Co.
Jones & Lamson Machine Co.
Kaufman Mfg. Co.
Lamb Co., F. Jos.
Milman Engrg. Co.
Montgomery & Co. Inc.
Morris Machine Tool Co.
Penniman Co., Elsha
Procunier Safety Chuck Co.
Rehnberg-Jacobson Mfg. Co.
Scully-Jones & Co.
Sid Tool Co. Inc.
Simplex Tool Engrg. Co.
Thriftmaster Products Corp.
U. S. Drill Head Co.
Universal-Automatic Corp.
Wickman Mfg. Co.
Wis. Drill Head Co.
Zagar Inc.

TAPPING MACHINES, AUTOMATIC

Agnew Machine Co.
Avey Div., Motch & Merryweather Machinery Co., The
B.S.A. Tools Ltd.
Bachmann Co. Inc., Eric R.
Batchelder Engrg.
Baush Machine Tool Co.
Beckett-Harcum Co.
Benerson Corp.
Bodine Corp., The
Boyar-Schultz Corp.
Burg Tool Mfg. Co. Inc.
Burklyn Co.
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Cleveland Pneumatic Industries
Columbia International Corp.
Drillmaton Co. Inc.
Drillunit Inc.
Dumore Precision Tools Co.
Edlund Machinery Co.
Etico Tool & Machine Co. Inc.
Frew Machine Co., The
Gardner-Denver Co.
Grant Mfg. & Machine Co., The
Hartford Special Machine Co.

Hause Machines Inc.
Hypneumat Inc.
Jarvis Corp.
Kaufman Mfg. Co.
Lamb Co., F. Jos.
Leland-Gifford Co.
Milman Engrg. Co.
Moline Tool Co.
Morris Machine Tool Co.
National Automatic Tool Co.
Pottstown Machine Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Snow Mfg. Co.
Universal-Automatic Corp.
Warner & Swasey Co.
Wis. Drill Head Co.
Zagar Inc.

TAPPING MACHINES, HORIZONTAL

Agnew Machine Co.
Avey Div., Motch & Merry-weather Machinery Co., The
Batchelder Engrg. Co. Inc.
Baush Machine Tool Co.
Bodine Corp., The
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
Drillimation Co. Inc.
Drillunit Inc.
Dumore Precision Tools Co.
Edlund Machinery Co., Div.
Harsco Corp.
Etico Tool & Machine Co. Inc.
Field: Sensi-Threader Machine
Grant Mfg. & Machine Co. The
Hartford Special Machine Co.
Hause Machines Inc.
Hypneumat Inc.
Lamb Co., F. Jos.
Leland-Gifford Co.
Loeffel Co. Inc., The Arthur
Morris Machine Tool Co.
Morton Mfg. Co.
National Automatic Tool Co.
Pottstown Machine Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Snow Mfg. Co.
Universal-Automatic Corp.
Wis. Drill Head Co.
Zagar Inc.

TAPPING MACHINES, NUT

Bodine Corp., The
Columbia International Corp.
Hypneumat Inc.
Morris Machine Tool Co.
National Machinery Co.
Pottstown Machine Co.
S & S Machinery Co.
Snow Mfg. Co.
Universal-Automatic Corp.
Waterbury Farrel Foundry & Machine Div., Textron Inc.
Zagar Inc.

TAPPING MACHINES, RADIAL ARM

Associated Machine Tool Corp.
Baush Machine Tool Co.
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
S & S Machinery Co.
Transmores Corp.
Warner & Swasey Co.

TAPPING MACHINES, SPECIAL

Agnew Machine Co.
Avey Div., Motch & Merry-weather Machinery Co., The
B.S.A. Tools Ltd.
Barnes Co., W. F. & John
Baush Machine Tool Co.
Beckett-Harcum Co.
Benerson Corp.
Bodine Corp., The
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Drillimation Co. Inc.
Drillunit Inc.
Edlund Machinery Co.
Etico Tool & Machine Co. Inc.
Expert Welding Machine Co.,
Foote-Burt Co., The
Fox Engrg. Co.
Gilman Inc., R. T.
Greenlee Brothers & Co.
Hartford Special Machine Co.

Hause Machines Inc.
Hill Acme Co., The
Hoefler Mfg. Co.
Hole Engrg. Service
Hypneumat Inc.
Industrial Metal Products Corp.
Johnson Drill Head Co.
Kaufman Mfg. Co.
Lamb Co., F. Jos.
Leland-Gifford Co.
Lemaire Machine Tool Co.
Liberty Tool & Die Corp.
Milman Engrg. Co.
Moline Tool Co.
Morris Machine Tool Co.
National Automatic Tool Co. Inc.
Payne Tool & Engrg. Co., The
Portomag Inc.
Pottstown Machine Co.
Redin Production Machine Co.
Rehnberg-Jacobson Mfg. Co.
Royal Oak Tool & Machine Co.,
S & S Machinery Co.
Swift Ohio Corp.
Turner Bros. Inc.
Universal-Automatic Corp.
Wis. Drill Head Co.
Zagar Inc.

TAPPING MACHINES, SINGLE SPINDLE

Alina Corp.
Associated Machine Tool Corp.
Avey Div., Motch & Merry-weather Machinery Co., The
B.S.A. Tools Ltd.
Batchelder Engrg. Co. Inc.
Beckett-Harcum Co.
Boice-Crane Co.
Boyar-Schultz Corp.
Burg Tool Mfg. Co. Inc.
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Drillimation Co. Inc.
Edlund Machinery Co.
Etico Tool & Machine Co. Inc.
Field: Sensi-Threader Machine
Hamilton Tool Co., The
Hartford Special Machinery Co.
Hause Machines Inc.
Hypneumat Inc.
Jarvis Corp.
Kaufman Mfg. Co.
Lassy Tool Co.
Leland-Gifford Co.
Loeffel Co. Inc., The Arthur
Mico Instrument Co.
Morris Machine Tool Co.
Portomag Inc.
Pottstown Machine Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Sloan & Chace Mfg. Co. Inc.
Snow Mfg. Co.
Transmores Corp.
Universal-Automatic Corp.
Warner & Swasey Co.
Wis. Drill Head Co.

TAPPINGS MACHINES, UNITS

Alina Corp.
Associated Machine Tool Corp.
Avey Div., Motch & Merry-weather Machinery Co., The
B.S.A. Tools Ltd.
Barnes Corp., John S.
Batchelder Engrg. Co. Inc.
Baush Machine Tool Co.
Beckett-Harcum Co.
Bedford Gear & Machine Products Inc.
Bellows-Valvair, Div. of IBEC
Boice-Crane Co.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Burklyn Co.
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Drillimation Co. Inc.
Drillunit Inc.
Etico Tool & Machine Co. Inc.
Federal-Bryant Machinery Co.
Fox Engrg. Co.
Gilman Inc., R. T.
Govro-Nelson Co., The
Hartford Special Machinery Co.
Hause Machines Inc.
Hoefler Mfg. Co.
Hypneumat Inc.
Johnson Drill Head Co.
Lamb Co., F. Joseph

Lassy Tool Co.
LeCount Tool Works Inc.
Leland-Gifford Co.
Morris Machine Tool Co.
National Automatic Tool Co.
Pottstown Machine Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Swift Ohio Corp.
Transmores Corp.
Universal-Automatic Corp.
Wis. Drill Head Co.
Zagar Inc.

TAPPING MACHINES, MULTIPLE SPINDLE

Agnew Machine Co.
Alina Corp.
Associated Machine Tool Corp.
Avey Div., Motch & Merry-weather Machinery Co., The
Bachmann Co. Inc., Eric R.
Barnes Co., W. F. & John
Batchelder Engrg. Co. Inc.
Baush Machine Tool Co.
Bodine Corp., The
Boice-Crane Co.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Burgmaster Corp.
Carney-Stansfield Co.
Cleereman Machine Tool Corp.
Cleveland Pneumatic Industries, Industrial Products Div.
Cross Co., The
Drillimation Co. Inc.
Drillunit Inc.
Edlund Machinery Co., Div.
Harsco Corp.
Etico Tool & Machine Co. Inc.
Fox Engrg. Co.
Gardner-Denver Co.
Hamilton Tool Co., The
Hartford Special Machinery Co.
Hause Machines Inc.
Hoefler Mfg. Co.
Hypneumat Inc.
Johnson Drill Head Co.
Kaufman Mfg. Co.
Lamb Co., F. Joseph
Lemaire Machine Tool Co.
Moline Tool Co.
Morris Machine Tool Co.
National Automatic Tool Co.
Pottstown Machine Co.
Precision Tool & Mfg. Co.
Rehnberg-Jacobson Mfg. Co.
S & S Machinery Co.
Snow Mfg. Co.
Sundstrand Machine Tool, Div.
Sundstrand Corp.
Transmores Corp.
U. S. Drill Head Co.
Universal-Automatic Corp.
Warner & Swasey Co.
Wis. Drill Head Co.
Zagar Inc.

TAPS, ACME THREAD

Brubaker Tool Corp.
Horspool & Romine Mfg. Co.

TAPS, COLLAPSING

Geometric-Horton, Div. United-Greenfield Corp.
Jones & Lamson Machine Co.
Landis Machine Co.
National Acme Co., The
Sheffield Corp., Subsidiary
Bendix Aviation Corp.

TAPS, SOLID ADJUSTABLE

Bath Co. Inc., John
Beloit Tool Corp., Regal Div.
Brubaker Tool Corp.
Chaso Tool Co. Inc.
Detroit Tap & Tool Co.
Everard Tap & Die Corp.
Geometric-Horton, Div. United-Greenfield Corp.
Jones & Lamson Machine Co.
Landis Machine Co.
National Acme Co., The
Pottstown Machine Co.
Royco Tap & Tool Corp.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sld Tool Co. Inc.
Snap-On Tools Corp.

TAPS, SPECIAL

Detroit Tap & Tool Co.
Glenbard Tool Mfrs., Inc.
Hutchins Co., Roy A.
New England Tap Co. Inc.

TAPS, STANDARD

B.S.A. Tools Ltd.
Bath & Co. Inc., John
Bay State Tap & Die Co.
Beloit Tool Corp., Regal Div.
Besly-Welles Corp., Cutting Tools & Gages
Brubaker Tool Corp.
Butterfield Div., Union Twist Drill Co.
Card Div., S. W., Union Twist Drill Co.
Chaso Tool Co. Inc.
Detroit Tap & Tool Co.
DoAll Co., The
Everard Tap & Die Corp.
F & D Tool Co. Inc.
Glenbard Tool Mfrs. Inc.
Greenfield Tap & Die, Div. United-Greenfield Corp.
Horspool & Romine Mfg. Co.
Hy-Pro Tool Co.
Industrial Tool Service
Keystone Reamer & Tool Co.
Morse Twist Drill & Machine Co., Div. Van Norman Ind.
New England Tap Co. Inc.
Pratt & Whitney Co. Inc.
Precision Twist Drill & Machine Co.
Reiff & Nestor Co.
Royco Tap & Tool Corp.
Sld Tool Co. Inc.
Soosner Tap & Tool Corp.
Standard Tool Co.
Stepool Corp.
Threadwell Tap & Die Co.
Winter Bros. Co.
Wood & Spencer Co., The

TELEVISION EQUIPMENT, CLOSED CIRCUIT

Electro-Mation Assoc.
General Electric Co., Apparatus Sales Div.
Machlett Labs. Inc.

TEMPERATURE CONTROLS

Airmatic Valve Inc.
Allen-Bradley Co.
Amer. Instrument Co. Inc.
Bristol Co. The
Clark Controller Co., The
Daystrom Inc., Weston Instrument Div.
Detroit Controls Div., Amer. Standard Corp.
E P I C Inc.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Gulton Industries Inc.
Hy-Du-Lignum Co.
Leeds & Northrup Co.
Leslie Co.
Moore Products Co.
Pyrometer Instrument Co. Inc.
Testing Machines Inc.
Thermo Electric Mfg. Co.
United Electric Controls Co.
U. S. Gauge Div., Amer. Machine & Metals Inc.

TEMPLATES & MODELS, PLANT LAYOUT (see Models & Templates)

TERMINALS, ELECTRICAL

General Radio Co.
Marathon Electric Mfg. Corp.
Square D Co.
Tubular Rivet & Stud Co.

TEST CHAMBERS, ENVIRONMENTAL

Cincinnati Sub Zero Products
Harris Refrigeration Co.
Tenney Engrg. Inc.

TESTING MACHINES, ABRASIVE WEAR

Testing Machines Inc.
Wyzenbeek & Staff Inc.

PRODUCTS

TESTING MACHINES, BRINELL
King Tester Corp.
Newage Industries Inc.
Opto-Metric Tools Inc.
Pacific Transducer Corp.
RCA Industrial & Machine Tool Operations
Steel City Testing Machines Inc.
Testing Machines Inc.
Tinius Olsen Testing Machine Co.

TESTING MACHINES, FATIGUE
Cosa Corp.
Custom Scientific Instruments Inc.
Electro-Mation Assoc.
Hunter Spring Co. Div., Amer. Machine & Metal Inc.
Link Engrg. Co.
Magnaflex Corp.
Testing Machines Inc.
Turner Bros. Inc.

TESTING MACHINES, IMPACT
Consolidated Electrodynamics Corp.
Dynapak Convair, Div. General Dynamics Corp.
Testing Machines Inc.

TESTING MACHINES, MICROHARDNESS
Electro-Mation Assoc.
Newage Industries Inc.
Opto-Metric Tools Inc.
RCA Industrial & Machine Tool Operations
Scherr-Tumleo Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Testing Machines Inc.
Torsion Balance Co., The
Wilson Mechanical Instrument Div., Amer. Chain & Cable

TESTING MACHINES, PRESSURE
Amer. Instrument Co. Inc.
Barnes Corp., John S.
City Tool Corp.
Consolidated Electrodynamics Corp.
Dillon & Co. Inc., W. C.
Electro-Mation Assoc.
Inter-Lakes Engrg. Co.
Lamb Co., F. Joseph
Modern Industrial Engrg. Co.
Porter Inc., H. K.
Steel City Testing Machines Inc.
Testing Machines Inc.
Turner Bros. Inc.
Webb Co., Jervis B.
Wilson Automation Co.

TESTING MACHINES, ROCKWELL
Clark Instrument Inc.
Opto-Metric Tools Inc.
Pacific Transducer Corp.
RCA Industrial & Machine Tool Operations
Testing Machines Inc.
Torsion Balance Co., The
Wilson Mechanical Instrument Div., Amer. Chain & Cable

TESTING MACHINES, SCLEROSCOPE
Shore Instrument & Mfg. Co. Inc.
Testing Machines Inc.

TESTING MACHINES, SPRING
City Tool Corp.
Hunter Spring Co. Div., Amer. Machine & Metal Inc.
Lapointe Machine Co.
Link Engrg. Co.
RCA Industrial & Machine Tool Operations
Sturtevant Co., P. A.
Testing Machines Inc.
Toledo Scale Co., Div. Toledo Scale Corp.
Webb Co., Jervis B.

TESTING MACHINES, STROBOSCOPIC
Electro-Mation Assoc.
General Radio Co.

TESTING MACHINES, TENSION
Amer. Instrument Co. Inc.
Barnes Corp., John S.
Dillon & Co. Inc., W. C.
Dynapak Convair, Div. General Dynamics Corp.
Electro-Mation Assoc.
Hunter Spring Co. Div., Amer. Machine & Metal Inc.
Jo-Line Tools Inc.
Link Engrg. Co.
Sieburg Industries
Skidmore-Wilhelm Mfg. Co.
Steel City Testing Machines Inc.
Sturtevant Co., P. A.
Testing Machines Inc.
Tinius Olsen Testing Machine Co.

TESTING MACHINES, TENSILE
Steel City Testing Machines Inc.

TESTING MACHINES, TORQUE
Falcon Machine & Tool Co. Inc.
Metron Instrument Co.
Sturtevant Co., P. A.

TESTING MACHINES, VIBRATION
International Research & Development Corp.
Testing Machines Inc.

TESTING MACHINES, VICKERS
Newage Industries Inc.
Opto-Metric Tools Inc.
Steel City Testing Machines Inc.
Testing Machines Inc.
Vickers Inc.

THERMOCOUPLES & ACCESSORIES
Bristol Co., The
Engelhard Industries Inc.
General Electric Co., Apparatus Sales Div.
Leeds & Northrup Co.
Pacific Transducer Corp.
Pyrometer Instrument Co. Inc.
Simpson Electric Co., Div.
Amer. Gage & Machine Co.
United Sensor & Controller Corp.
Westinghouse Electric Corp.

THERMOMETERS & ACCESSORIES
Amer. Instrument Co. Inc.
Bristol Co., The
Dillon & Co. Inc., W. C.
Electro-Mation Assoc.
Harvey Mfg. Corp.
Leeds & Northrup Co.
Minneapolis-Honeywell Regulator Co.
Pacific Transducer Corp.
Pyrometer Instrument Co. Inc.
Testing Machines Inc.
U. S. Gauge Div., Amer. Machine & Metals Inc.
Webber Gage Co.

THREAD CHASING MACHINES
Bachmann Co. Inc., Eric R.
Bodine Corp., The
Columbia International Corp.
Coulter Machine Co., James
Eastern Machine Screw Corp.
Hypneumat Inc.
Jaw Mfg. Co.
Jones & Lamson Machine Co.
Landis Machine Co.
Loeffel Co. Inc., The Arthur
Pottstown Machine Co.
Ridge Tool Co., The
S & S Machinery Co.
Simmons Co., W. T.
Universal-Automatic Corp.

THREAD GRINDING MACHINES
(see Grinding Machines, Thread)

THREADING DIES & HOLDERS
(see Dies, Threading)

THREAD MILLERS, PLANETARY
Barer Engrg. & Machinery Co. Ltd.
Hall Planetary Co. of Philadelphia
S & S Machinery Co.
Waltham Machine Works Inc.

THREAD MILLING CUTTERS
(see Milling Cutters, Thread)

THREAD MILLING MACHINES
(see Milling Machines, Thread)

THREAD ROLLING MACHINES
(see Rolling Machines, Thread)

THREAD ROLLS
(see Rolls, Thread)

THROATLESS SHEARS
(see Shears, Throatless)

TIMING CONTROLS
Bald Eagle Corp.
Bellows-Valvair, Div. IBEC
Bristol Co., The
Clark Controller Co., The
Daco Instrument Co.
Eagle Signal Corp., Div. Game-well Co.
Electro-Mation Assoc.
General Controls Co.
General Electric Co., Apparatus Sales Div.
Hamilton Watch Co., Industrial Div.
Ingraham Co., The
Mallory & Co. Inc., P. H.
Mead Specialties Co.
Rhodes Inc., M. H.
Sahlin Engrg. Co. Inc.
Sensory Inc.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Webb Co., Jervis B.
Weltronic Co.
Westinghouse Electric Corp.

TIN
(see Lead, Tin, Zinc)

TIPS & BLANKS, CUTTING TOOL
Adamas Carbide Corp.
Amer. Cutter & Engrg. Corp.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Crobalt Inc.
Crucible Steel Co. of Amer.
DoAll Co., The
Kennametal Inc.
Lehmann-Fulton Boring Tool Div., Fulton Iron Works
Marcoloy Inc.
Metallurgical Products Dept., General Electric Co.
Newcomer Products Inc.
Sintercast Div., Chromalloy Corp.
Stupalox Div., The Carborundum Co.
Vascoloy-Ramet Corp.

TIPS, CARBIDE
Adamas Carbide Corp.
Allegheny Ludlum Steel Corp.
Amer. Cutter & Engrg. Corp.
Beaver Tool & Engrg. Corp.
Brown & Sharpe Mfg. Co. Cutting Tool Div.
Carborundum Co., The
Champion Tool Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Davis Div., Giddings & Lewis Machine Tool Co.
Dayton Carbide Tool Co. Inc.
DeVlieg Microbore Div. DeVlieg Machine Co.
Diston Div., H. K. Porter Co. Inc.
DoAll Co., The
Evered Tool Co.
Firth Sterling Inc.
Harrisville Tool Co.
Ingersoll Milling Machine Co.
Kennametal Inc.
Marcoloy Inc.

Metallurgical Products Dept., General Electric Co.
Mohawk File & Tool Co.
Multi Metals Inc.
Nelco Tool Co. Inc.
Newcomer Products Inc.
Porter Precision Products
Sandvik Steel Inc.
Schwayder Chemical Metallurgy Sintercast Div., Chromalloy
Spe-D-Cut Tool Co.
Tungsten Alloy Mfg. Co. Inc.
Unimet Carbides, Div. United Greenfield Corp.
Valenite Metals Div., The Valeron Corp.
Vascoloy-Ramet Corp.
Wendt-Sonix Co.
Wesson Co.
Willey's Carbide Tool Co.

TIPS, CARBIDE REPLACEMENT
Adamas Carbide Corp.
Amer. Cutter & Engrg. Corp.
Besly-Welles Corp., Cutting Tools & Gages
Brown & Sharpe Mfg. Co., Cutting Tool Div.
Carbide Tools Inc.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dayton Carbide Tool Co. Inc.
Deluxe Service Tool Corp.
DoAll Co., The
Firth Sterling Inc.
Heinemann Saw Corp.
Hunt's Grinding & Mfg.
Ingersoll Milling Machine Co.
Kennametal Inc.
Marcoloy Inc.
Multi Metals Inc.
Nelco Tool Co. Inc., Subsidiary
Brown & Sharpe Mfg. Co.
Newcomer Products Inc.
Sandvik Steel Inc.
Sintercast Div., Chromalloy Corp.
Spe-D-Cut Tool Co.
Tungsten Alloy Mfg. Co. Inc.
Unimet Carbides, Div. United Greenfield Corp.
Valenite Metals Div., The Valeron Corp.
Vascoloy-Ramet Corp.
Wendt-Sonix Co.
Willey's Carbide Tool Co.

TITANIUM
Belmont Smelting & Refining Works Inc.
Bridgeport Brass Co.
Crucible Steel Co. of Amer.
Mallory & Co. Inc., P. H.
Republic Steel Corp.

TOGGLE CLAMPS
Custanite Corp.
Danly Machine Specialties Inc.
Detroit Stamping Co.
Erico Products Inc.
I.S.I. Mfg. Inc.
Jergens Tool Specialty Co.
Lapeer Mfg. Co.
Morton Machine Works Div.
Brubaker Tool Corp.
Standard Parts Co.
Wolverine Tool Co.

TOOL CONTROL & STORAGE BOARDS
Scully-Jones & Co.

TOOL GRINDERS
Anocut Engrg. Co.
Bachmann Co. Inc., Eric R.
Brown & Sharpe Mfg. Co.
Machine Tool Div.
Cincinnati Milling & Grinding Machines Inc.
Delta Power Tool Div. Rockwell Mfg. Co.
Diamond Tool Co.
Ex-Cell-O Corp., Detroit
Glenbard Tool Mfrs. Inc.
Hammond Machinery Builders Inc.
Heald Machine Co., The
Hisey-Wolf Machine Co., The
Kearney & Trecker Corp.

Lapointe Machine Co.
Loeffel Co. Inc., The Arthur
Morse Twist Drill & Machine
Co., Div. Van Norman Indus-
tries Inc.
Norton Co., Machine Div.
Oliver Machinery Co.
Rockwell Mfg. Co.
Royal Oak Tool & Machine Co.,
Grinder Div.
Schauer Mfg. Corp.
Sigma Machinery Inc.
South Bend Lathe Inc.
Spiral Step Tool Co.
Superior Pneumatic & Mfg. Inc.
United Tool Co.
Wickman Mfg. Co.

COOL STEEL BITS (see Bits, Tool Steel)

TOOL STEEL BLANKS

Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
Bethlehem Steel Co.
Crucible Steel Co. of Amer.
Jesop Steel Co.
Marcoloy Inc.
Plew Tool Corp.
Porter Co. Inc., H. K., Div.
Vulcan Kidd Steel
Somma Tool Co. Inc.
Strand Co., Edward D.
Universal-Cyclops Steel Corp.
Vanadium-Alloys Steel Co.

TOOL STEELS (see Steels)

TOOLHOLDERS, FLOATING, ROTARY

Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Boyar-Schultz Corp.
Burgmaster Corp.
Errington Mechanical Lab. Inc.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Gairing Tool Co.
H B Tools
Lehmann-Fulton Boring Tool
Co., Div. Fulton Iron Works
Modco Tools
Montgomery & Co. Inc.
Munn Engrg. Co.
Podlin Tool Co.
Royer Tools
Scully-Jones & Co.
Selbert & Sons Inc.
Universal Engrg. Co.
Waukesha Cutting Tools Inc.
Wayne Tool Co.
Ziegler Tool Co., W. M.

TOOLHOLDERS, LATHE

Acme Tool Corp.
Aloris Tool
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
Armstrong Bros. Tool Co.
Bardons & Oliver Inc.
Black Rock Mfg. Co., The
Bokum Tool Co. Inc.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Burgmaster Corp.
Carbide Tool Co.
Chi-Co Inc.
Clark Co., Robert H.
Cleveland Twist Drill Co., The
Crafts Co. Inc., Arthur A.
Criterion Machine Works
Davis Div., Giddings & Lewis
Machine Tool Co.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Dunham Tool Co. Inc., The
Everede Tool Co.
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Firth Sterling Inc.
Flynn Mfg. Co.
Fry Tool Mfg. Co.
Gorham Tool Co.
Gulton Industries Inc.
H B Tools
K.D.K. Products
Kennametal Inc.
Lincoln Industries Co.

Loeffel Co. Inc., The Arthur
Maxwell Industries Inc.
Metallurgical Products Dept.,
General Electric Co.
Modco Tools
Montgomery & Co. Inc.
Neise, Karl A.
Newcomer Products Inc.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
Rockford Engineered Products
Scully-Jones & Co.
Sid Tool Co. Inc.
South Bend Lathe Inc.
Spe-D-Cut Tool Co.
United Tool Co.
Vascoloy-Ramet Corp.
Victor Mfg. Co., The
Viking Tool Co. Inc., The
Walton Co., The
Wendt-Sons Co.
Williams & Co., J. H.
Zierden Co., The

TOOLHOLDERS, QUICK CHANGE

Aloris Tool
Amer. Cutter & Engrg. Corp.
Armstrong Bros. Tool Co.
Beaver Tool & Engrg. Corp.
Besly-Welles Corp., Cutting
Tools & Gages
Bokum Tool Co. Inc.
Burklyn Co.
Davis Div., Giddings & Lewis
Machine Tool Co.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Errington Tool Co.
Errington Mechanical Lab. Inc.
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Fry Tool Mfg. Co.
Gairing Tool Co.
H B Tools
Hawkeye Specialty Co.
Jones & Lamson Machine Co.
K.D.K. Products
Lapeer Mfg. Co.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Malcus Tools Corp.
Metal Cutting Tools Inc.
Modco Tools
Neise, Karl A.
Royer Tools
Sandvik Steel Inc.
Scully-Jones & Co.
Selbert & Sons Inc.
Sheridan Products Inc.
Universal Engrg. Co.
Vascoloy-Ramet Corp.
Waukesha Cutting Tools Inc.
Weldon Tool Co., The
Ziegler Tool Co., W. M.

TOOLHOLDERS, SPECIAL PURPOSE

AA Gage Co., Design Engrg.
Div.
Aloris Tool
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
Apex Tool & Cutter Co. Inc.
B & W Precision Products Co.
Beaver Tool & Engrg. Corp.
Benerson Corp.
Besly-Welles Corp., Cutting
Tools & Gages
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co.
Industrial Products Div.
Buckeye Tools Corp.
Burgmaster Corp.
Carbide Tool Co.
Carbide Tools Inc.
Chi-Co Inc.
Chicago Pneumatic Tool Co.
Davis Div., Giddings & Lewis
Machine Tool Co.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
Detterbeck Co., L. G.
DeVlieg Microbore Div.,
DeVlieg Machine Co.
Dunham Tool Co. Inc., The
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
Fry Tool Mfg. Co.

Gairing Tool Co.
General Machine Co. Inc.
Gorham Tool Co.
H B Tools
Hawkeye Specialty Co.
Hyper Tool Co.
Kearney & Trecker Corp.
Kennametal Inc.
Lehmann-Fulton Boring Tool
Div., Fulton Iron Works
Malcus Tools Corp.
Maxwell Industries Inc.
Mercury Tool & Die Co. Inc.
Metal Cutting Tools Inc.
Metallurgical Products Dept.,
General Electric Co.
Modco Tools
National Tool Co.
Newcomer Products Inc.
Niagara Cutter Div., Bollier-
Damerell Inc.
O. K. Tool Co. Inc., The
O'Neill & Knudsen Tool Co.
Payne Tool & Engrg. Co., The
Rockford Engineered Products
Royer Tools
Sandvik Steel Inc.
Scully-Jones & Co.
Siebert & Sons Inc.
Silber Products Inc.
Somma Tool Co. Inc.
Tinnerman Corp., George A.
Tru-Center Products Co.
Vascoloy-Ramet Corp.
Viking Tool Co. Inc., The
Weddell Tools Inc.
Weldon Tool Co., The

TOOLHOLDERS, TAP

Amer. Cam Co. Inc.
Beaver Tool & Engrg. Corp.
Boyar-Schultz Corp.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Burgmaster Corp.
Davis Div., Giddings & Lewis
Machine Tool Co.
Errington Mechanical Lab. Inc.
Falcon Tool Co.
Falcon Tool Co. (Kwiklok)
H B Tools
Mercury Tool & Die Co. Inc.
Ritmar Corp.
Royer Tools
Scully-Jones & Co.
Selbert & Sons Inc.
Sid Tool Co. Inc.
Universal Engrg. Co.
Veit & Young Inc.
Ziegler Tool Co., W. M.

TOOLING, CLINCHNUT

Richard Bros. Punch Div.,
Allied Products Corp.

TOOLING PLATE, ALUMINUM

Chase Brass & Copper Co.
Kaiser Aluminum & Chemical
Sales Inc.
Payne Tool & Engrg. Co., The
Pioneer Aluminum Inc.
Reynolds Metals Co.

TOOLING PLATE, MAGNESIUM

Brooks & Perkins Inc.
Dow Chemical Co., The

TOOLS, CIRCULAR FORM

Allou Engrg. Inc.
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
B & W Precision Products Co.
Bernell Tool Co. Inc.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Brubaker Tool Corp.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Carney-Stansfield Co.
Cleveland Cutter & Reamer Co.
Cleveland Tool & Die Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Eastern Tool Co. Inc.
Ex-Cell-O Corp., Detroit
Falcon Tool Co.

Form-All Mfg. Co.
Gorham Tool Co.
Hunt's Grinding & Mfg.
Hy-Du-Lignum Co. Inc.
Hyper Tool Co.
Ill. Tool Works, Machine &
Instrument Div.
Jerpak Bayless Co.
Madison-Relco Tool Co.
Marcoloy Inc.
Maxwell Industries Inc.
Modco Tools
Morgood Tools Inc.
National Tool Co.
O.K. Tool Co. Inc., The
Plew Tool Corp.
Somma Tool Co. Inc.
Spiral Step Tool Co.
Step Tool Corp.
Vascoloy-Ramet Corp.
Weldon Tool Co., The
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.

TOOLS, COLD-FORMING

Royal Oak Tool & Machine Co.

TOOLS, COLD-HEADING

Plew Tool Co.

TOOLS, FLAT FORM

Acromatic Tool Co.
Allou Engrg. Inc.
Amer. Cam Co. Inc.
Amer. Cutter & Engrg. Corp.
Apex Broach Co. Inc.
Armstrong Bros. Tool Co.
B & W Precision Products Co.
Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Brubaker Tool Corp.
Carbide Tool Co.
Carbide Tools Co.
Carbide Tools Inc.
Carney-Stansfield Co.
Cleveland Cutter & Reamer Co.
Cleveland Tool & Die Co.
Crafts Co. Inc., Arthur A.
Craig Tools Inc.
Crobalt Inc.
Dawson Tool Co.
Dayton Carbide Tool Co. Inc.
DoAll Co., The
Eastern Tool Co. Inc.
Ex-Cell-O Corp., Detroit
F & D Tool Co. Inc.
Falcon Tool Co.
Form-All Mfg. Co.
Gairing Tool Co.
Gorham Tool Co.
Hunt's Grinding & Mfg.
Hy-Du-Lignum Co. Inc.
Hyper Tool Co.
Ill. Tool Works, Machine &
Instrument Div.
Kennametal Inc.
Madison-Relco Tool Co.
Marcoloy Inc.
Medico Co., The
Modco Tools
Morgood Tools Inc.
National Tool Co.
O.K. Tool Co. Inc., The
Plew Tool Corp.
Screw Machine Tool Co.
Somma Tool Co. Inc.
Spiral Step Tool Co.
Step Tool Corp.
Vascoloy-Ramet Corp.
Weldon Tool Co., The
Wetmore Tool & Engrg. Co.
Willey's Carbide Tool Co.

TORQUE WRENCHES

Amer. Instrument Co. Inc.
Armstrong Bros. Tool Co.
Buckeye Tools Corp.
Chicago Pneumatic Tool Co.
Duro Metal Products Co.
Fen Machine Co.
Jo-Line Tools Inc.
Kramer Fabricating Co.
Proto Tool Co., Div. Pendleton
Tool Industries Inc.
Snap-On Tools Corp.
Sturtevant Co., P. A.
Sunnen Products Co.
Titan Tool Co.
Vlier Engrg. Corp. Subsidiary
Barry Controls Inc.
Williams & Co., J. H.

PRODUCTS

TRACER ATTACHMENTS, LATHES (see Controls)

TRACER ATTACHMENTS, MILLING

Assoc. Machine Tool Corp.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cincinnati Milling & Grinding Machines Inc.
Criterion Machine Works
Erinac Equip. Corp.
Famco Machine Co.
Giddings & Lewis Machine Tool Co.
Gorton Machine Co., George M & M Tool & Mfg. Co.
Manex Machinery Corp.
S & S Machinery Co.
Sigma Machinery Co.
Sundstrand Machine Tool, Div. Sundstrand Corp.
Tracer Control Co.
Tree Tool & Die Works
Tru-Trace Corp.
Turchan Follower Machine Co.
Walker Hydraulic Duplicator Co.

TRACER CONTROL SYSTEMS (see Controls)

TRANSFER MACHINES

Agnew Machine Co.
Associated Machine Tool Corp.
Bachmann Co. Inc., Eric R.
Barnes Drill Co.
Barnes Co., W. F. & John
Bedford Gear & Machine Products Inc.
Benerson Corp.
Buhr Machine Tool Co.
Cimco Engrg. Co.
Cincinnati Milling & Grinding Machines Inc.
Colonial Broach & Machine Co.
Cross Co., The
Drillmatic Co. Inc.
Erinac Equip. Corp.
Ex-Cell-O Corp., Detroit
Federal Machine & Welder Co.
Ferguson Machine Corp.
Fitchburg Engrg. Corp.
Gilman Inc., R. T.
Gorton Machine Co., George
Greenlee Brothers & Co.
Heald Machine Co., The
I.S.I. Mfg. Inc.
Ingersoll Milling Machine Co.
Kenhos Corp.
Lamb Co., F. Jos.
Liberty Tool & Die Corp.
Livernois Engineering Co.
Moline Tool Co.
Morris Machine Tool Co.
Mott & Merryweather Machinery Co., The
National Automatic Tool Co. Inc.
Norton Co., Machine Div.
Special Machinery Div., Products Machine Co.
Rehnberg-Jacobson Mfg. Co.
Royal Oak Tool & Machine Co., Grinder Div.
S & S Machinery Co.
Sahlin Engrg. Co. Inc.
Seneca Falls Machine Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Special Machine & Engrg. Inc.
Sundstrand Machine Tool, Div. Sundstrand Corp.
Swanson-Erie Corp.
Swift Ohio Corp.
Sylvania Lighting Products, Equip. Development Plant
Turner Bros. Inc.
USI Robodrive Div., U.S. Industries Inc.
Wickes Corp., The Wickes Machine Tool Div.

TRANSMISSION BELTS (see Belts, Power Transmission)

TRANSMISSIONS, GEAR (see Drives)

TRANSMISSIONS, HYDRAULIC (see Drives)

TREPPANNING HEADS

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Apex Tool & Cutter Co. Inc.
Beaver Tool & Engrg. Corp.
Carbide Tools Inc.
Drillmatic Co. Inc.
Gairing Tool Co.
Girard Assoc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Lehmann-Fulton Boring Tool Div., Fulton Iron Works
Lovejoy Tool Co. Inc.
Madison-Faessler Tool Co.
National Tool Co.
Neise, Karl A.
O.K. Tool Co. Inc., The
Screw Machine Tool Co.
V-B Mfg. Co.
Weddell Tools Inc.
Wetmore Tool & Engrg. Co.
Williams Industries, W. W.

TREPPANNING TOOLS

Acromatic Tool Co.
Amer. Cutter & Engrg. Corp.
Amer. Heller Corp.
Arrow Tool & Reamer Corp.
B & W Precision Products Co.
Beaver Tool & Engrg. Corp.
Brubaker Tool Corp.
Carbide Tool Co.
Carbide Tools Inc.
Cleveland Cutter & Reamer Co.
Coffey-Cummins Mfg. Co.
Craig Tools Inc.
Dawson Tool Co.
Eclipse Counterbore Co.
Falcom Tool Co.
Gairing Tool Co.
Girard Assoc.
Glenbard Tool Mfrs. Inc.
Goddard & Goddard Co.
Gorham Tool Co.
Hyper Tool Co.
Kennametal Inc.
Lehmann-Fulton Boring Tool Div., Fulton Iron Works
Lund Mfg. Co.
Madison-Faessler Tool Co.
Metal Cutting Tools Inc.
Mohawk Tools Inc.
Morgood Tools Inc.
National Tool Co.
Neise, Karl A.
Niagara Cutter Div., Bollier-Damerell Inc.
O.K. Tool Co. Inc., The
Payne Tool & Engrg. Co. The
Flow Tool Corp.
Special Drill & Reamer Corp.
Spiral Step Tool Co.
V-B Mfg. Co.
Weddell Tools Inc.
Weldon Tool Co., The
Wetmore Tool & Engrg. Co.
Williams Industries, W. W.
Woodruff & Stokes Co. Inc.

TRIMMERS, STAMPING Beatty Machine Mfg. Co.

TRUCKS, INDUSTRIAL

Baker Industrial Trucks Div.,
Otis Elevator Co.
Bay Products Div., Amer.
Metal Works Inc.
Clark Equipment Co., Industrial Truck Div.
Coolant Equip. Corp.
Eiwell-Parker Electric Co., The
Factory Service Co.
Fairbanks Co., The
Lee Engrg. Co.
Leebaw Mfg. Co.
LeTourneau Inc., R. G.
Lift Trucks Inc.
Littleford Brothers Inc.
Raymond Corp., The
Revolator Co.
Sterling Factory Equip. Co.
Stokvis Multiton Corp.
Sunray Co.
Towmotor Corp.

Yale & Towne Mfg. Co., The Yale Material Handling Div.

T-SLOT BOLTS & NUTS

Acme-Danneman Co. Inc.
Acorn Iron & Supply Co.
Armstrong Bros. Tool Co.
Bethlehem Steel Co.
Boyar-Schultz Corp.
Boyd-Wagner Corp.
Carr Lane Mfg. Co.
Crayton Co., F. M.
Danly Machine Specialties Inc.
Davis Div., Giddings & Lewis Machine Tool Co.
DeVlieg Machine Co.
Harco Engrg.
J & S Tool Co. Inc.
Hi-Lo Products Co., Div.
Steel City Testing Machine
Jergens Tool Specialty Co.
Lodding Inc.
Montgomery & Co. Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Northwestern Tools Inc.
O.K. Tool Co. Inc., The
Podin Tool Co.
Selbert & Sons Inc.
Sid Tool Co. Inc.
Siewek Tool Co.
Standard Parts Co.
Standard Shop Equip. Co.
Tietzmann Tool Corp.
Tomco Inc.
Universal Engrg. Co.
Wespo Div., Vlier Engrg. Co.
Williams & Co., J. H.

TUBE CUTTING MACHINES

Abbey Etna Machine Co.
Alretool Mfg. Co., The
Amer. Instrument Co. Inc.
Bachmann Co. Inc., Eric R.
Bardons & Oliver Inc.
Black & Webster Inc.
Cammann Mfg. Co., Inc., The
Collins Machinery Corp.
Grieder Industries Inc.
Kane & Roach Inc.
Manco Mfg. Co.
McKay Machine Co., The
Mott & Merryweather Machinery Co., The
Novi Tool & Machine Co.
Patterson Machine Co., The
Geo. C.
S & S Machinery Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Steffan Mfg. Corp.
Thompson Mfg. Co., Earl A.
Vulcan Tool Co.
Wallace Supplies Mfg. Co.

TUBE-END DEBURRING CUTTERS

Severance Tool Industries Inc.

TUBE-END FORMING MACHINES

Abbey Etna Machine Co.
Bedford Gear & Machine Products Inc.
Girard Assoc.
Hause Machines Inc.
Parker Fittings & Hose Div.,
Parker-Hannifin Corp.
Pines Engrg. Co. Inc.
S & S Machinery Co.
Thompson Mfg. Co., Earl A.
Vall Engrg. Co., The
Wallace Supplies Mfg. Co.

TUBE EXPANDERS

Alretool Mfg. Co., The
Arrowsmith Tool & Die Corp.
Chi-Co. Inc.
Ingersoll-Rand Co.
Madison-Faessler Tool Co.
S & S Machinery Co.
Vall Engrg. Co., The
Wallace Supplies Mfg. Co.

TUBE FITTINGS (see Fittings, Tube)

TUBE-FLANGING MACHINES Abbey Etna Machine Co.

Amer. Roller Die Corp. S & S Machinery Co. Vall Engrg. Co., The

TUBE MILLS (see Rolling Mills, Tube)

TUBE STRAIGHTENERS Bliss Co., E. W.

TUBING ALLOY Superior Tube Co.

TUBING & HOSE, FLEXIBLE METAL (see Hose & Tubing, Flexible Metal)

TUBING STEEL (see Steel Tubing)

TUNGSTEN

Fansteel Metallurgical Corp.
Molybdenum Corp. of Amer.
Universal-Cyclops Steel Corp.

TURNERS, DIAMOND (see Diamond Turning Tools)

TURRET HEADS, DRILL PRESS

Brown & Sharpe Mfg. Co.,
Machine Tool Div.
Burg Tool Mfg. Co. Inc.
S & S Machinery Co.
Sheppard, Stanley

TURRET LATHES (see Lathes, Turret)

TURRET PUNCH PRESSES (see Presses, Turret Punch)

TURRETS, BED TYPE

Enco Mfg. Co.
Hawkeye Specialty Co.
Logan Engrg. Co.
Precision Processing Co.
S & S Machinery Co.

TURRETS, CROSS-SLIDE

Carney-Stansfield Co.
Enco Mfg. Co.
McCroskey Tool Corp.
Neise, Karl A.
O'Neil & Knudsen Tool Co.
Precision Processing Co.
S & S Machinery Co.

TURRETS, TOOL POST

Carney-Stansfield Co.
Crozier Machine Tool Co.
McCroskey Tool Corp.
Montgomery & Co. Inc.
Neise, Karl A.
O.K. Rubber Welders Inc., Mfg. Div.
O'Neil & Knudsen Tool Co.
S & S Machinery Co.
Sid Tool Co. Inc.
Wade Tool Co., The

TWIST DRILLS (see Drills, Twist)

ULTRASONIC CLEANING EQUIPMENT (see Cleaning Equipment, Ultrasonic)

ULTRASONIC GAGING EQUIPMENT (see Gaging Equipment, Ultrasonic)

ULTRASONIC INSPECTION EQUIPMENT (see Inspection)

ULTRASONIC MACHINING MACHINES

Conn. Instrument Corp.
Designers for Industry
Erinac Equip. Corp.
Gulton Industries Inc.

Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Sigma Machinery Inc.
Ultrasonic Industries Inc.

UNIVERSAL JOINTS

Bachmann Co. Inc., Eric R.
Bond Co., Charles
Boston Gear Works
Curtis Universal Joint Co. Inc.
Eitco Tool & Machine Co. Inc.
Falcon Machine & Tool Co. Inc.
Precision Tool & Mfg. Co.
Root Co., B. M.
Rotherm Engrg. Co. Inc.
Sutton Engrg. Co.

UPSETTERS

Girard Assoc.
Waterbury Farrel Foundry &
Machine Co. The, Div. Tex-
tron Inc.

VACUUM CHUCKS

(see Chucks, Vacuum)

VACUUM CUPS, STOCK

HANDLING

Stilson Tools Inc.

VACUUM FURNACES

(see Furnaces, Vacuum)

VACUUM PLATING

EQUIPMENT
(see Metalizing Equipment)

VACUUM PUMPS

(see Pumps, Vacuum)

VALVES, AIR

A.A.A. Mfg. Co. Inc.
Air-Mite Devices Inc.
Airmatic Valve Inc.
Alkon Products Corp.
Allenair Corp.
Amer. Instrument Co. Inc.
Automatic Switch Co.
Automatic Valve Co.
Auto-Ponents Inc.
Barksdale Valves, Control
Valve Div.
Beckett-Harcum Co.
Bellows-Valvair, Div. of IBEC
Bendix-Westinghouse Auto-
motive Air Brake Co.
Bethlehem Steel Co.
Bridgeport Brass Co.
Bristol Co., The
Cleveland Pneumatic Industries,
Industrial Products Div.
Clippard Instrument Lab. Inc.
Detroit Controls Div., Amer.-
Standard Corp.
Eclipse Fuel Engrg. Co.
Fairbanks Co., The
Galland-Henning Mfg. Co.
Gar Precision Parts Inc.
General Controls Co.
Hanna Engrg. Works
Hannifin Co., Div. Parker-
Hannifin Corp.
Humphrey Products Div., Gen-
eral Gas Light Co.
Kepner Products Co.
Klipfel Valves Inc.
Lapeer Mfg. Co.
Ledeen Inc., Ledeen Mfg. Div.
Leslie Co.
Lloyd Tool Corp.
Logansport Machine Co. Inc.
McDowell-Wellman Co.
Mead Specialties Co.
Mechanical Air Control
Modernair Corp.
Norgren Co., C. A.
Novi Tool & Machine Co.
Palley Supply Co.
Powergrip Inc.
Redmer Air Devices Inc.
Rivett Lathe & Grinder Inc.
Ross Operating Valve Co.
Rotex Punch Co. Inc.
S-P Mfg. Corp., The
Sargent Engrg. Corp.
Schrader's Son, A., Div. Sco-
vill Mfg. Co. Inc.

Sealol Corp., Industrial Products
Div.
Skinner Electric Valve Div.,
The Skinner Chuck Co.
Standard Instrument Corp., Div.
of Heat-Timer Corp.
Taylor-Winfield Corp.
Tomkins-Johnson Co.
Tryco Products Inc.
Versa Products Co. Inc.
Westinghouse Air Brake Co.,
Industrial Products Div.

VALVES, CAM

Airmatic Valve Inc.
Allenair Corp.
Automatic Valve Co.
Beckett-Harcum Co.
Bellows-Valvair, Div. of IBEC
Dukes Co. Inc.
Hanna Engrg. Works
Hannifin Co., Div. Parker-
Hannifin Corp.
Humphrey Products Div., Gen-
eral Gas Light Co.
Logansport Machine Co. Inc.
Mead Specialties Co.
Mechanical Air Controls Inc.
Oil-Dyne Inc.
Palley Supply Co.
Racine Hydraulics & Machinery
Inc.
Rivett Lathe & Grinder Inc.
Ross Operating Valve Co.
Rotex Punch Co. Inc.
Sargent Engrg. Corp.
Versa Products Co. Inc.
Vickers Inc.

VALVES, CHECK

Air Reduction Sales Co.
Airmatic Valve Inc.
Allenair Corp.
Amer. Air Compressor Corp.
Amer. Instrument Co. Inc.
Auto-Ponents Inc.
Bellows-Valvair, Div. of IBEC
Bendix-Westinghouse Auto-
motive Air Brake Co.
Brown & Sharpe Mfg. Co.,
Hydraulics Div.
Chase Brass & Copper Co.
Clippard Instrument Lab. Inc.
Consolidated Controls Corp.
Denison Engrg. Div., Amer.-
Brake Shoe Co.
Detroit Controls Div., Amer.-
Standard Corp.
Double A Products Co., Sub-
sidiary Brown & Sharpe Mfg.
Co.
Eclipse Fuel Engrg. Co.
Fairbanks Co., The
Gar Precision Parts Inc.
Hanna Engrg. Works
Hannifin Co., Div. Parker-
Hannifin Corp.
Hydraulic Press Mfg. Co., Div.
Koehring Co.
Kepner Products Co.
Mead Specialties Co.
Oil-Dyne Inc.
Palley Supply Co.
Parker Hydraulics Div., Parker-
Hannifin Corp.
Racine Hydraulics & Machinery
Inc.
Rivett Lathe & Grinder Inc.
Ross Operating Valve Co.
R-P&C Valve Div., Amer.
Chain & Cable Co. Inc.
Sargent Engrg. Corp.
Schrader's Son, A., Div. Sco-
vill Mfg. Co. Inc.
Sealol Corp., Industrial Products
Div.
Twentieth Century Mfg. Co.
Vickers Inc.
Westinghouse Air Brake Co.,
Industrial Products Div.

VALVES, HYDRAULIC

Acme Industrial Co.
Adel Precision Products, Div.
General Metals Corp.
Airmatic Valve Inc.
Amer. Instrument Co. Inc.
Automatic Switch Co.
Auto-Ponents Inc.
Baldwin-Lima-Hamilton Corp.

Barksdale Valves, Control Valve
Div.
Barnes Corp., John S.
Beckett-Harcum Co.
Bellows-Valvair, Div. of IBEC
Brown & Sharpe Mfg. Co., Hy-
draulics Div.
C & H Gauge Co. Inc.
Cincinnati Milling & Grinding
Machines Inc.
Commercial Shearing & Stamp-
ing Co.
Consolidated Controls Corp.
Dake Corp.
Denison Engrg. Div., Amer.-
Brake Shoe Co.
Die-Draulic Grip Inc.
Die-dro Engrg. Co.
Double A Products Co., Sub-
sidiary Brown & Sharpe Mfg.
Co.
Dukes Co. Inc.
Galland-Henning Mfg. Co.
Gar Precision Parts Inc.
General Controls Co.
Girard Assoc.
Greenlee Tool Co. Div., Green-
lee Bros. & Co.
Greer Hydraulics Inc.
Hanna Engrg. Works
Hannifin Co., Div. Parker-
Hannifin Corp.
Humphrey Products Div., Gen-
eral Gas Light Co.
Hydraulic Press Mfg. Co., Div.
Koehring Co.
Kearfott Div., General Pre-
cision Inc.
Kepner Products Co.
Ledeen Inc., Ledeen Mfg. Div.
Leslie Co.
Loewy-Hydropress, Baldwin-
Lima-Hamilton Corp.
Logansport Machine Co. Inc.
Manco Mfg. Co.
Meehanite Metal Corp.
Modernair Corp.
Oil-Dyne Inc.
Oil-Rite Corp.
Oilgear Co., The
Parker Hydraulics Div., Parker-
Hannifin Corp.
Patton Mfg. Co.
Racine Hydraulics & Machinery
Rivett Lathe & Grinder Inc.
Rodgers Hydraulic Inc.
Ross Operating Valve Co.
Rotex Punch Co. Inc.
S-P Mfg. Corp., The
Sargent Engrg. Corp.
Schrader's Son, A., Div. Sco-
vill Mfg. Co. Inc.
Sealol Corp., Industrial Prod-
ucts Div.
Skinner Electric Valve Div.,
The Skinner Chuck Co.
Tryco Products Inc.
Turchan Follower Machine Co.
Versa Products Co. Inc.
Vickers Inc.
Weatherhead Co., The Fort
Wayne Div.
Westinghouse Air Brake Co.,
Industrial Products Div.
Wilson Inc., K. R.
Wood Co., R. D.

VALVES, PLUG

Airmatic Valve Inc.
Bellows-Valvair, Div. of IBEC
General Controls Co.
Rivett Lathe & Grinder Inc.
Vickers Inc.

VALVES, SOLENOID

Airmatic Valve Inc.
Alkon Products Corp.
Allenair Corp.
Amer. Instrument Co. Inc.
Atomatonic Valve Co.
Automatic Switch Co.
Automatic Valve Co.
Beckett-Harcum Co.
Bellows-Valvair, Div. of IBEC
Brown & Sharpe Mfg. Co.,
Hydraulics Div.
Cincinnati Milling & Grinding
Machines Inc.
Clippard Instrument Lab. Inc.
Consolidated Controls Corp.
Dake Corp.

Denison Engrg. Div., Amer.-
Brake Shoe Co.
Detroit Controls Div., Amer.-
Standard Corp.
DoAll Co., The
Double A Products Co., Sub-
sidiary Brown & Sharpe Mfg.
Co.
Dukes Co. Inc.
Eclipse Fuel Engrg. Co.
Galland-Henning Mfg. Co.
General Controls Co.
Hanna Engrg. Works
Hannifin Co., Div. Parker-
Hannifin Corp.
Humphrey Products Div., Gen-
eral Gas Light Co.
H. E. P. Mfg. Co. Inc.
Hydraulic Press Mfg. Co., Div.
Koehring Co.
Kindt-Collins Co.
Ledeen Inc., Ledeen Mfg. Div.
Logansport Machine Co. Inc.
Manco Mfg. Co.
Mead Specialties Co.
Mechanical Air Controls Inc.
Minneapolis-Honeywell Regu-
lator Co.
Modernair Corp.
Norgren Co., C. A.
Oil-Dyne Inc.
Oil-Rite Corp.
Rivett Lathe & Grinder Inc.
Ross Operating Valve Co.
Rotex Punch Co. Inc.
Sargent Engrg. Corp.
Schrader's Son, A., Div.
Scovill Mfg. Co. Inc.
Skinner Electric Valve Div.,
The Skinner Chuck Co.
Square D Co.
Versa Products Co. Inc.
Vickers Inc.
Westinghouse Air Brake Co.,
Industrial Products Div.

VALVES, VACUUM

Stokes Corp., F. J.

VAPOR BLASTING MACHINES

Clementina Ltd.
Lord Chemical Corp., Sub-
sidiary Wheelabrator Corp.
Mott Sand Blast Mfg. Co.
Vapor Blast Mfg. Co.

VARNISHES

Dow Corning Corp.
Westinghouse Electric Corp.

V-BELTS

Amer. Pulley Co., The
Couse & Bolten Co.
Dodge Mfg. Corp.
Gates Rubber Co., The
Gerbing Mfg. Corp.
Goodrich Industrial Products,
B. F., Div. B. F., Goodrich
Co.
Love Brothers-Pyott
Manheim Mfg. & Belting Co.
Maurey Mfg. Corp.
Raybestos-Manhattan Inc.,
Manhattan Rubber Div.
Simonds Gear & Mfg. Co., The
Thermoid Div., H. K. Porter
Co. Inc.
Wood's Sons Co., T. B.

V-BLOCKS

Brown & Sharpe Mfg. Co.,
Industrial Products Div.
Challenge Machinery Co., The
Collins Microflat Co.
Engis Equip. Co.
Hanchett Magna-Lock Corp.,
Magna-Lock Inc.
Ill. Metal Products
Johansson Gage Co., C. E.
Lufkin Rule Co.
Machine Products Corp.
Precision Tool & Mfg. Co.
Sid Tool Co. Inc.
South Bend Lathe Inc.
Starret Co., The L. S.
Swedish Gage Co.
Taft-Peirce Mfg. Co., The
Union Mfg. Co.
Wilson Inc., K. R.

PRODUCTS

VENTURI BLOCKS

Stillson Tools Inc.

VELLUM

(see Paper, Drafting)

VERNIER TYPE GAGES

(see Gages, Vernier Type)

VIBRATION INSULATORS

(see Mountings)

VIBRATORY FINISHING MACHINES

(see Finishing Machines Vibratory)

VIBRATORY LAPPING MACHINES (see Lapping Machines, Vibratory)

VICES, BENCH

Acme Tool Corp.
Athol Machine & Foundry Co.
Benchmaster Mfg. Co.
Bliss Co., E. W.
Cardinal Machine Co.
Chicago Tool & Engrg. Co.
Desmond-Stephan Mfg. Co.
Emmert Mfg. Co.
Hudson Automatic Machine & Tool Co.
M.B.I. Export & Import Ltd.
Mechanics Engrg. Co. Inc.
Millers Falls Co.
Montgomery & Co. Inc.
Nichols-Morris Corp.
Palley Supply Co.
Ridge Tool Co., The
Sid Tool Co. Inc.
Snap-On Tools Corp.
Studebaker Hydraulic Products
Toledo Pipe Threading Machine
Van Products Co.
Veit & Young Inc.
Wilton Tool Mfg. Co. Inc.

VICES, COLLET TYPE

Arrow Machinists
Dunham Tool Co. Inc., The
Mead Specialties Co.
Montgomery & Co. Inc.
Starrett Co., The L. S.

VICES, COMPOUND ANGLE

Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Chicago Tool Engrg. Co.
Combination Vise & Jig Co. Inc.
Covel Mfg. Co.
Hunter Tools
Ideal Tool & Die Co. Inc.
Montgomery & Co. Inc.
Neise, Karl A.
New Britain Tool & Mfg. Co.
Rocheleau Tool & Die Co. Inc.
S & S Machinery Co.
Sid Tool Co. Inc.
Universal Vise & Tool Co.
Victory Mfg. Co., The

VICES, MACHINE TABLE

Antares Instruments Inc., Subsidiary A. F. Wilkens Inc.
Armstrong Bros. Tool Co.
Athol Machine & Foundry Co.
Austin Industrial Corp.
Bellows-Valvair, Div. of IBEC
Bentley Industrial Corp.
Bliss Co., E. W.
Brown Engrg. Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cardinal Machine Co.
Chicago Tool & Engrg. Co.
Covel Mfg. Co.
Dewilde-Jones Inc.
Die Set Div., Product Machine
H B Tools
Heinrich Tools Inc.
Hudson Automatic Machine & Tool Co.

III. Metal Products

Index Machine Co.
L-W Chuck Co.
Martin Machine Co., J. E.
Mechanics Engrg. Co. Inc.
Millers Falls Co.
Modern Machine Tool Co.
Montgomery & Co. Inc.
Neise, Karl A.
Nichols-Morris Corp.
Plunket Machine Co., J. E.
Production Devices Inc.
Product Machine Co.
Rockford Engineered Products Co.
Rouse & Co., H. B.
Sid Tool Co. Inc.
Skinner Chuck Co., The
South Bend Lathe Inc.
Studebaker Hydraulic Products Co.
Swift Ohio Corp.
Universal Engrg. Co.
Universal Vise & Tool Co.
Wohnip Products Inc.

VICES, MAGNETIC

Hanchett-Magna-Lock Corp., Magna-Lock Inc.
Montgomery & Co. Inc.

VICES, MILLING

Acme Tool Corp.
Athol Machine & Foundry Co.
Austin Industrial Corp.
Bellows-Valvair, Div. of IBEC
Benchmaster Mfg. Co.
Bliss Co., E. W.
Bridgeport Machines Inc.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Chicago Tool & Engrg. Co.
Cincinnati Milling & Grinding Machines Inc.
Desmond-Stephan Mfg. Co.
Dewilde-Jones Inc.
Die Set Div., Product Machine Co.
H B Tools
Heinrich Tools Inc.
Homestrand Machine Tool Corp.
III. Metal Products
Index Machine Co.
J & S Tool Co. Inc.
Kearney & Trecker Corp.
Kemp Smith Machine Co.
Kenco Mfg. Co.
L-W Chuck Co.
Lassy Tool Co.
Martin Machine Co., J. E.
Mechanics Engrg. Co. Inc.
Montgomery & Co. Inc.
Neise, Karl A.
New Britain Tool & Mfg. Co. Inc.
Nichols Co., W. H.
Nichols-Morris Corp.
Penniman Co., Elsie
Plunket Machine Co., J. E.
Precision Processing Co.
Production Devices Inc.
Product Machine Co., The
Rockford Engineered Products Co.
S & S Machinery Co.
Sid Tool Co. Inc.
Skinner Chuck Co., The
South Bend Lathe Inc.
Studebaker Hydraulic Products Co.
Tree Tool & Die Works
U. S. Burke Machine Tool, The
Div. Cincinnati Mfg. Co.
Universal Engrg. Co.
Universal Vise & Tool Co.
Van Norman Machine Co., Div.
Van Norman Industry Inc.
Victor Mfg. Co., The
Wilton Tool Mfg. Co. Inc.
Wohnip Products Inc.

VICES, TOOLMAKER'S

Acme Tool Corp.
Athol Machine & Foundry Co.
Bliss Co., E. W.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Brown & Sharpe Mfg. Co., Machine Tool Div.
Cardinal Machine Co.
Chicago Tool & Engrg. Co.
Cincinnati Milling & Grinding Machines Inc.
Criterion Machine Works
Custanite Corp.
Dewilde-Jones Inc.
Die Set Div., Product Machine Co.
Durant Tool Co.
Erickson Tool Co.
H B Tools
Heinrich Tools Inc.
Ideal Tool & Die Co. Inc.
J & S Tool Co. Inc.
Millers Falls Co.
Montgomery & Co. Inc.
Neise, Karl A.
Product Machine Co.
Sid Tool Co. Inc.
Starrett Co., The L. S.
Studebaker Hydraulic Products Co.
Universal Vise & Tool Co.
Veit & Young Inc.
Victor Mfg. Co., The

VICES, UNIVERSAL

AMF Tool Div., Amer. Machine & Foundry Co.
Athol Machine & Foundry Co.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Chicago Tool & Engrg. Co.
Cincinnati Milling & Grinding Machines Inc.
Combination Vise & Jig Co. Inc.
Covel Mfg. Co.
Dewilde-Jones Inc.
Die Supply Div., Bliss Co., E. W.
Kenco Mfg. Co.
Lassy Tool Co.

H B Tools

Heinrich Tools Inc.
J & S Tool Co. Inc.
Montgomery & Co. Inc.
Neise, Karl A.
Plunket Machine Co., J. E.
Production Devices Inc.
Rockford Engineered Products Co.
S & S Machinery Co.
Sid Tool Co. Inc.
South Bend Lathe Inc.
Swift Ohio Corp.
Universal Vise & Tool Co.
Victor Mfg. Co., The
Wohnip Products Inc.

VICES, SPECIAL

A & C Engrg. Co. Inc.
Benerson Corp.
Bliss Co., E. W.
Brown & Sharpe Mfg. Co., Industrial Products Div.
Burklyn Co.
Chicago Tool & Engrg. Co.
Cincinnati Milling & Grinding Machines Inc.
Custanite Corp.
Dewilde-Jones Inc.
Die Set Div., Product Machine Co.
Die Supply Div., Bliss Co., E. W.
Goodman Mfg. Co., Industrial Mfg. Div.
Heinrich Tools Inc.
Hudson Automatic Machine & Tool Co.
Lufkin Rule Co.
M.B.I. Export & Import Ltd.
Malcus Tools Corp.
Montgomery & Co. Inc.
Payne Tool & Engrg. Co., The
Production Devices Inc.
S & S Machinery Co.
Sid Tool Co. Inc.
Studebaker Hydraulic Products Co.
Universal Vise & Tool Co.
Veit & Young Inc.

Malcus Tools Corp.
Montgomery & Co. Inc.
Neise, Karl A.
New Britain Tool & Mfg. Co. Inc.
Rocheleau Tool & Die Co. Inc.
Sid Tool Co. Inc.
Universal Vise & Tool Co.
Victor Mfg. Co., The
Wesson Co.

VICES, UPRIGHT

Chicago Tool & Engrg. Co.
Combination Vise & Jig Co. Inc.
Heuser Mfg. Co.
Montgomery & Co. Inc.
Mooradian Mfg. Co.
Nichols Co., W. H.
Suprecision Products

VOLTAGE REGULATORS

(see Regulators, Voltage)

WASHERS, C-TYPE

Acme-Danneman Co. Inc.
Carr Lane Mfg. Co.
Freeway Washer & Stamping Co.
Harco Engrg.
Jergens Tool Specialty Co.
Lodding Inc.
Monroe Engrg. Products Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Reid Tool Supply Co.
Siewek Tool Co.
Standard Parts Co.
Tomco Inc.
Wespo Div., Vlier Engrg. Co.

WASHERS, LOCKING

Chase Brass & Copper Co.
Eaton Mfg. Corp., Reliance Div.
Garrett Co. Inc., George K.
Link-Belt Co.
National Lock Washer Co.
Star Stainless Screw Co.

WASHERS, PLAIN

Amer. Felt Co.
Bethlehem Steel Co.
Boyar-Schultz Corp.
Bushings Inc.
Carr Lane Mfg. Co.
Chase Brass & Copper Co.
Crayton Co., F. M.
Danly Machine Specialties Inc.
Detroit Stamping Co.
Fischer Die & Stamping Co.
Freeway Washer & Stamping Co.
Garrett Co. Inc., George K.
Harco Engrg.
Jergens Tool Specialty Co.
Last Word Sales Co.
Littleford Bros. Inc.
Lodding Inc.
Monroe Engrg. Products Inc.
Morton Machine Works, Div.
Brubaker Tool Corp.
Northwestern Tools Inc.
Pheoli Mfg. Co.
PIC Design Corp.
Renewal Service Inc.
Siewek Tool Co.
Standard Parts Co.
Standard Shop Equip. Co.
Star Stainless Screw Co.
Tomco Inc.
Waltham Machine Works Inc.
Wespo Div., Vlier Engrg. Co.
Whitehead Stamping Co.

WASHERS, PRECISION

Federal Mogul Div. Federal-Mogul-Bower Bearings Inc.

WASHING EQUIPMENT

Barrett Co., The Leon J.
Blakeslee & Co., G. S.
Conforming Matrix Corp.
Detrex Chemical Industries Inc.
De Vilbiss Co., The
Hevi-Duty Electric Co., Div.
Basic Products Corp.
Industrial Systems Co.
Lodding Inc.
Magnus Chemical Co. Inc.
Mahon Co., The R. C.
Mido Products
Pennsalt Chemicals Corp.

Simplicity Engrg. Co.
Westinghouse Electric Corp.

**WATER CONDITIONERS,
SPRAY BOOTH**

Cliff Sales Co.
Dextr Chemical Industries Inc.
Kerns Co., L. R.
Magnus Chemical Co. Inc.
Mahon Co., The R. C.
Mido Products
Northwest Chemical Co. Inc.
Pennsalt Chemicals Corp.

WAX LUBRICANTS

Bruce Products Corp.
Johnson & Son Inc., S. C.
Kerns Co., L. R.
Metal Lubricants Co.
Mobil Oil Co.
Pate Oil Co.
Penola Oil Co.
Sanson & Sons Inc., Henry E.

WAY CURTAINS

Tool Supply Co.

**WAYS & BASES, MACHINE
(see Bases & Ways, Machine)**

**WEAR & ABRASIVE TESTING
MACHINES (see Testing
Machines)**

WEAR PLATES & STRIPS

Acme-Danneman Co. Inc.
Ampco Metal Inc.
Atkins Saw Div., Borg-Warner
Corp.
Brown & Sharpe Mfg. Co., Ma-
chine Tool Div.
Bushings Inc.
Cadmet Corp.
Cliff Sales Co.
Commercial Shearing & Stamp-
ing Co.
Crucible Steel Co. of America
Danly Machine Specialties Inc.
Detroit Flame Hardening Co.
Diamondite Products Mfg. Co.,
U. S. Ceramic Tile Div.
Falcon Tool Co.
Federal-Mogul Div., Federal-
Mogul-Bower Bearings Inc.
Haynes Stellite Co., Div. Union
Carbide Corp.
Latrobe Steel Co.
Lemmon & Snoop Co.
Littleford Bros. Inc.
Meehanite Metal Corp.
Modco Tools
Ohio Knife Co., The
Pangborn Corp.
Renewal Service Inc.
Shwayer Chemical Metallurgy
Corp.
Sintercast Div., Chromalloy
Corp.
Spaulding Fibre Co., Inc.
Standard Parts Co.
Stupalox Div., Carborundum
Co., The
Vascoloy-Ramet Corp.
Wapakoneta Machine Co., The

WEDGES, WORK-CLAMPING

Acorn Iron & Supply Co.
Armstrong Bros. Tool Co.
Morton Machine Works Div.
Brubaker Tool Corp.
Standard Shop Equip. Co.

WEIGHING MACHINES

Dillon & Co. Inc., W. C.
Exact Weight Scale Co., The
Link Engrg. Co.
Syntrol Co.
Torsion Balance Co., The

**WELDING ACCESSORIES,
ELECTRODE HOLDERS**

Air Reduction Sales Co.
Arcos Corp.
Bernard Welding Equip. Co.
Chicago Tool & Engrg. Co.
Eisler Engrg. Co. Inc.
Erico Products Inc.

Harnishfeger Corp.
Hobart Bros. Co.
Lincoln Electric Co., The
Mallory & Co. Inc., P. R.
Marquette Mfg. Co. Inc.
Metal & Thermit Corp.
Miller Electric Mfg. Co. Inc.
Progressive Welder Sales Co.
Tweco Products Inc.

**WELDING ACCESSORIES,
SHIELDED ARC**

Air Reduction Sales Co.
Chicago Tool & Engrg. Co.
Harnishfeger Corp.
Hobart Bros. Co.
K-G Equip. Co. Inc., Div. of
Air Products Inc.
Lincoln Electric Co., The
Linde Co., Div. Union Carbide
Corp.
Marquette Mfg. Co. Inc.
Metal & Thermit Corp.
Miller Electric Mfg. Co. Inc.
Tweco Products Inc.

WELDING CABLES

Air Reduction Sales Co.
Chicago Tool & Engrg. Co.
Federal Tool Engrg. Co.
Harnishfeger Corp.
Hobart Bros. Co.
Lincoln Electric Co., The
Linde Co., Div. Union Carbide
Corp.
Marquette Mfg. Co. Inc.
Metal & Thermit Corp.
Miller Electric Mfg. Co. Inc.
Tweco Products Inc.

WELDING CLAMPS

General Hardware Mfg. Co.

WELDING CONTROLS

Air Reduction Sales Co.
Ames Spot Welder Co. Inc.
Banner Welder Inc.
Clark Controller Co., The
Detroit Controls Div., Amer.-
Standard Corp.
Eisler Engrg. Co. Inc.
Electro-Mation Assoc.
Erinac Equip. Corp.
Federal Tool Engrg. Co.
General Electric Co. Apparatus
Sales Div.
Harnishfeger Corp.
Hobart Bros. Co.
K-G Equip. Co. Inc. Div. of Air
Products Inc.
Linde Co., Div. Union Carbide
Corp.
Marquette Mfg. Co. Inc.
Metal & Thermit Corp.
Miller Electric Mfg. Co. Inc.
Peer Inc.
Sciaky Bros. Inc.
Square D Co.
Taylor-Winfield Corp.
Weltron Co.
Westinghouse Electric Corp.

**WELDING ELECTRODES
(see Electrodes, Welding)**

**WELDING EQUIPMENT,
ELECTRIC ARC**

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Air Reduction Sales Co.
Arcair Co., The
Arcos Corp.
Bernard Welding Equip. Co.
Bren Weld Corp.
Chicago Tool & Engrg. Co.
Erico Products Inc.
Harnishfeger Corp.
Hobart Bros. Co.
Lincoln Electric Co., The
Linde Co., Div. Union carbide
Corp.
Marquette Mfg. Co. Inc.
Metal & Thermit Corp.
Miller Electric Mfg. Co. Inc.
Nelson Stud Welding Div.,
Gregory Industries Inc.
Peer Inc.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sciaky Bros. Inc.

Sellstrom Mfg. Co.
Smith Corp., A. O.
Standard Portable Cord Co.
Steffan Mfg. Corp.
Westinghouse Electric Corp.

**WELDING EQUIPMENT,
ELECTRON BEAM**

Sciaky Bros. Inc.

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Agnew Machine Co.
Air Reduction Sales Co.
Dockson Corp.
K-G Equip. Co. Inc., Div. of
Air Products Inc.
Linde Co., Div. Union Carbide
Corp.
Marquette Mfg. Co. Inc.
S & S Machinery Co.
Sellstrom Mfg. Co.
Smith Welding Equip. Corp.
Weldit Inc.

**WELDING EQUIPMENT, HIGH
FREQUENCY**

Tocco Div., Ohio Crankshaft
Co., The

**WELDING EQUIPMENT,
RESISTANCE**

Acme Electric Welder Co.
Acro Welder Mfg. Co.
Agnew Machine Co.
Air Reduction Sales Co.
Ames Spot Welder Co. Inc.
Ampco Metal Inc.
Banner Welder Inc.
Eisler Engrg. Co. Inc.
Federal Machine & Welder Co.,
The
Federal Tool Engrg. Co.
General Electric Co., Apparatus
Sales Div.
Miller Electric Mfg. Co. Inc.
National Electric Welding Ma-
chines Co.
Peer Inc.
Port Huron Machine Products
Co.
Precision Welder & Flexopress
Corp.
Progressive Welder Sales Co.
S & S Machinery Co.
Sciaky Bros. Inc.
Square D Co.
Swift Ohio Corp.
Taylor-Winfield Corp.
United Welders Inc.
Weltron Co.

WELDING HEADS

Air Reduction Sales Co.
Eisler Engrg. Co. Inc.
Federal Tool Engrg. Co.
Hobart Bros. Co.
Lincoln Electric Co., The
Linde Co., Div. Union Carbide
Corp.
Pandjiris Weldment Co.
Sciaky Bros. Inc.
Smith Corp., A. O.
United Welders Inc.

**WELDING MACHINES,
ELECTRIC ARC**

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Agnew Machine Co.
Air Reduction Sales Co.
Bren Weld Corp.
Emerson Electric Mfg. Co.
Expert Welding Machine Co.,
Expert Auto Machine Co.
Harnishfeger Corp.
Hobart Bros. Co.
Lincoln Electric Co., The
Linde Co., Div. Union Carbide
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Metal & Thermit Corp.
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Sciaky Bros. Inc.
Smith Corp., A. O.
Swift Ohio Corp.
Taylor-Winfield Corp.
Trindl Products Ltd.
United Welders Inc.
Westinghouse Electric Corp.

**WELDING MACHINES,
ELECTRIC BUTT**

Acme Electric Welder Co.
Acro Welder Mfg. Co.
Agnew Machine Co.
Ames Spot Welder Co. Inc.
Banner Welder Inc.
DoAll Co., The
Eisler Engrg. Co. Inc.
Federal Machine & Welder Co.
Federal Tool Engrg. Co.
Harnishfeger Corp.
Laidlaw Inc., William
National Electric Welding
Machines Co.
Peer Inc.
Precision Welder & Flexopress
Corp.
Progressive Welder Sales Co.
S & S Machinery Co.
Sciaky Bros. Inc.
Swift Ohio Corp.
Taylor-Winfield Corp.
Thompson Mfg. Co., Earl A.
United Welders Inc.
Westinghouse Electric Corp.

**WELDING MACHINES,
ELECTRIC FLASH**

Acme Electric Welder Co.
Acro Welder Mfg. Co.
Agnew Machine Co.
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DoAll Co., The
Eisler Engrg. Co. Inc.
Federal Machine & Welder Co.
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Precision Welder & Flexopress
Corp.
Progressive Welder Sales Co.
S & S Machinery Co.
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Swift Ohio Corp.
Taylor-Winfield Corp.
United Welders Inc.
Westinghouse Electric Corp.

**WELDING MACHINES,
ELECTRIC PROJECTION**

Acme Electric Welder Co.
Acro Welder Mfg. Co.
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Banner Welder Inc.
Eisler Engrg. Co. Inc.
Expert Welding Machine Co.,
Expert Auto Machine Co.
Federal Machine & Welder Co.
National Electric Welding
Machines Co.
Peer Inc.
Precision Welder & Flexopress
Corp.
Progressive Welder Sales Co.
S & S Machinery Co.
Sciaky Bros. Inc.
Swift Ohio Corp.
Taylor-Winfield Corp.
United Welders Inc.
Westinghouse Electric Corp.

**WELDING MACHINES,
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Acme Electric Welder Co.
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Agnew Machine Co.
Ames Spot Welder Co. Inc.
Banner Welder Inc.
Eisler Engrg. Co. Inc.
Federal Machine & Welder Co.
Harnishfeger Corp.
National Electric Welding Ma-
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Niagara Machine & Tool Works
Peer Inc.
Precision Welder & Flexopress
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Swift Ohio Corp.
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United Welders Inc.
Westinghouse Electric Corp.

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Expert Welding Machine Co.
Expert Auto Machine Co.
Federal Machine & Welder Co.
Federal Tool Engrg. Co.
Linde Co., Div. Union Carbide Corp.
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Peer Inc.
Port Huron Machine Products
Precision Welder & Flexopress Corp.
Progressive Welder Sales Co.
Ryerson & Son Inc., Joseph T.
S & S Machinery Co.
Sciaky Bros. Inc.
Smith Corp., A. O.
Swift Ohio Corp.
Taylor-Winfield Corp.
United Welders Inc.
Westinghouse Electric Corp.

WELDING MACHINES, GAS

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Dockson Corp.
Expert Welding Machine Co.
Expert Auto Machine Co.
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Hobart Bros. Co.
Linde Co., Div. Union Carbide Corp.
Marquette Mfg. Co. Inc.
S & S Machinery Co.
Smith Welding Equip. Corp.
Swift Ohio Corp.
United Welders Inc.

WELDING MACHINES, STUD

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Federal Tool Engrg. Co.
Hobart Bros. Co.
Nelson Stud Welding, Div.
Gregory Industries Inc.
Progressive Welder Sales
S & S Machinery Co.
United Welders, Inc.

WELDING MACHINES, THERMIT

S & S Machinery Co.

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Gulton Industries Inc.
Sonobond Corp., Subsidiary of
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Ultrasonic Industries Inc.

WELDING POSITIONERS (see Positioners)

WELDING RODS (see Rods)

WELDING TORCHES & TIPS

Air Reduction Sales Co.
Ampco Metal Inc.
Arcalr Co., The
Dockson Corp.
K-G Equip. Co. Inc., Div. of
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Linde Co., Div. Union Carbide Corp.
Marquette Mfg. Co. Inc.
Smith Welding Equip. Corp.

Staats & Staats Inc.
Trindl Products Ltd.
Weidit Inc.

WELDING TRANSFORMERS

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Bren Weld Corp.
Eisler Engrg. Co. Inc.
Federal Machine & Welder Co.
Federal Tool Engrg. Co.
Hobart Brothers Co.
Lincoln Electric Co., The
Marquette Mfg. Co. Inc.
Miller Electric Mfg. Co. Inc.
National Electric Welding Machines Co.
Precision Welder & Flexopress Corp.
Progressive Welder Sales Co.
Sciaky Bros. Inc.
Smith Corp., A. O.
Swift Ohio Corp.
Taylor-Winfield Corp.
Trindl Products Ltd.
United Welders Inc.
Weltronic Co.
Westinghouse Electric Corp.

WHEEL CRUSHING ROLLS, GRINDING

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Acromatic Tool Co.
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Hyper Tool Co.
Jerpak Bayless Co.
Morgood Tools Inc.
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Sheffield Corp., Subsidiary
Bendix Aviation Corp.
Weldon Tool Co., The

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Crafts Co. Inc., Arthur A.
Desmond-Stephan Mfg. Co.
Di-Tru Diamond Tool Co.
Diamond Productions Inc.
Diamond Products Inc.
Diamond Tool Co.
Diamond Tool Research Co. Inc.
Diamond Wheel Industry Inc.
Eastern Tool Co. Inc.
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Form-All Mfg. Co.
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J & S Tool Co. Inc.
Jarvis Corp.
Jeon Mfg. Co.
Jerpak Bayless Co.
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Magic City Machine & Tool Co.
Meyers Co., W. F.
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Mutual Machine Co. Inc.
National Diamond Lab. Inc.
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Newman Tool Die & Machine Works, L.
Niagara Cutter Div., Bollinger-Damerell Inc.
Norton Co., Abrasive Div.
Penn Scientific Products Co.
Permatatch Diamond Tool Co., Subsidiary Hitchiner Mfg. Co.

Precision Diamond Tool Co.
Precision Truing Tool & Mfg. Co. Inc., The
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Rothfuss Tool Co.
Scherr-Tumico Co.
Sciaky Bros. Inc.
Sid Tool Co. Inc.
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Smit & Co. Inc., Anton
Sperman Metal Specialties
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Standard Tool Co.
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Super-Cut Industries, Golconda Corp.
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United Welders Inc.
Willey's Carbide Tool Co.

WHEELS, CUTOFF (see Cutoff Wheels)

WHEELS, DIAMOND (see Grinding Wheels, Diamond)

WHEELS, GRINDING (see Grinding Wheels)

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Ihd. Gear Works Inc.
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Ryerson & Son Inc., Joseph T.
Western Gear Corp.
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WIRE DRAWING DIES (see Dies, Wire Drawing)

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S & S Machinery Co.
Torrington Mfg. Co., Machine Div.
U. S. Tool Co. Inc.
Waterbury Farrel Foundry & Machine Co., The, Div. Textron Inc.

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WIRE SPRINGS (see Springs, Wire)

WIRE STRAIGHTENING MACHINES

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Dunham Tool Co. Inc., The
H B Tools
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Hyper Tool Co.
Ohio Knife Co., The
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Scully-Jones & Co.
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Custanite Corp.
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Proto Tool Co., Div. Pendleton Tool Industries Inc.
Ridge Tool Co., The
Royal Tools Inc., Hanover Tool Co. Inc.
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Chicago Pneumatic Tool Co.
Cleco Air Tools, Div. Reed Roller Bit Co.
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Ingersoll-Rand Co.
Master Power Corp., Black & Decker Subsidiary
Newage Industries Inc.
Remington Arms Co. Inc.
Roto Tool Co., The
Snap-On Tools Corp.
Thor Power Tool Co.

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Black & Decker Mfg. Co., The
Chicago Pneumatic Tool Co.
Ingersoll-Rand Co.
Millers Falls Co.
Skill Corp.
Snap-On Tools Corp.
Thor Power Tool Co.

WRENCHES, POWER

Black & Decker Mfg. Co., The
Chicago Pneumatic Tool Co.
Cushman Chuck Co., The
Fen Machine Co.
Ingersoll-Rand Co.
Rotor Tool Co., The
Snap-On Tools Corp.
Thor Power Tool Co.

WRENCHES, TORQUE (see Torque Wrenches)

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Curtis-Wright Corp., Princeton Div.
Daystrom Inc., Weston Instrument Div.
Engis Equip. Co.
Sheffield Corp., Subsidiary
Bendix Aviation Corp.
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Tracerlab Inc.
Westinghouse Electric Corp.

ZIRCONIUM

Carborundum Co., The

CATALOG



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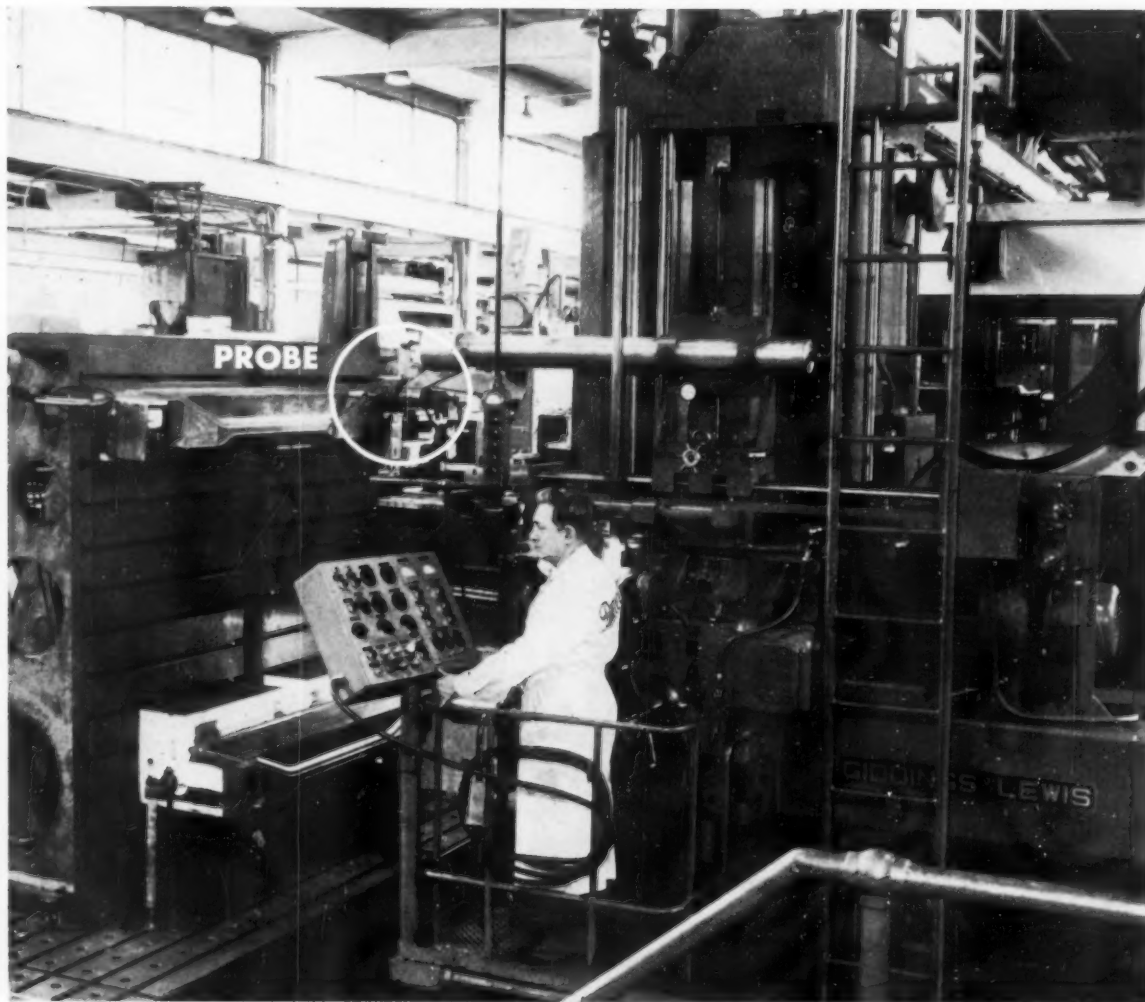
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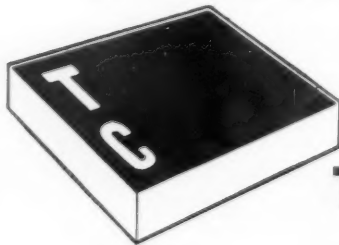
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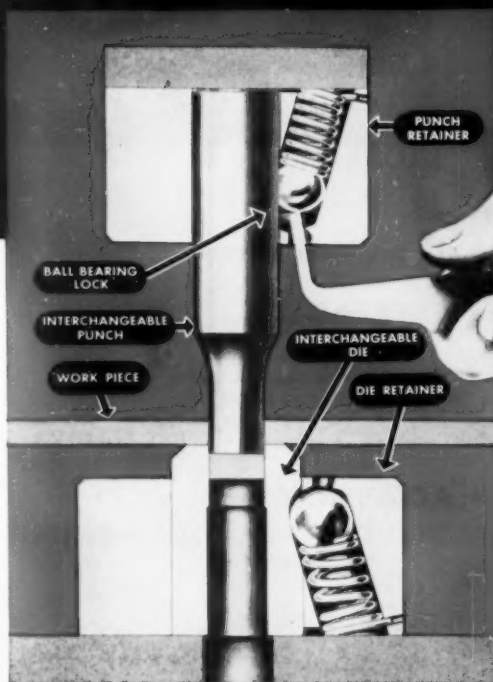
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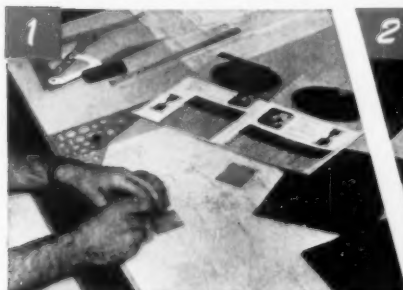
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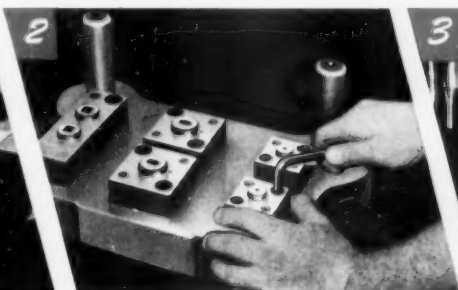


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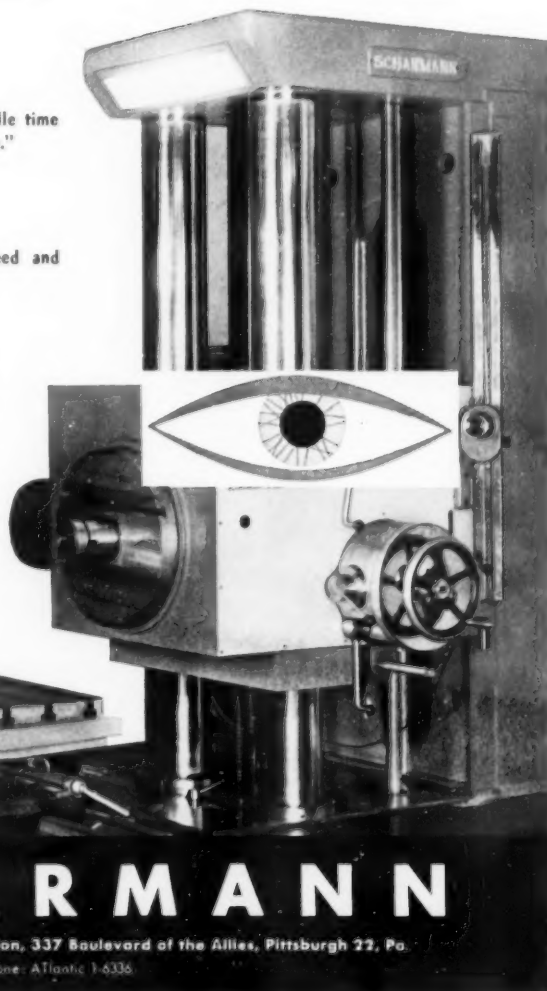
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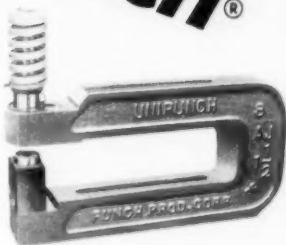
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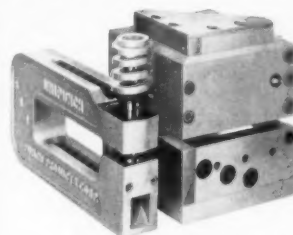
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Equipped with all-steel cast holders for longer life by combining higher tensile strength and longer wear plus greater bearing surface for punch guides. Available with Pedestal Dies or Die Adapters providing easy interchangeability of standard low cost die buttons. Series "AJ" Units feature interchangeability with Series "A". Same shut height, die height, and punching capacity as Series "A"



Write for CATALOG AJ

Series "A" Hole Punching and Notching Units



These Hole Punching Units punch up to 3" diameter round and shaped holes in up to 1/4" thick mild steel (Series AH up to 1/2" thick). Notching Units for corner, edge, vee and special shaped notches may be used in the same setups with these Hole Punching Units. All Series "A" Units have popular standard 8 1/8" shut height and 3 1/2" die height.

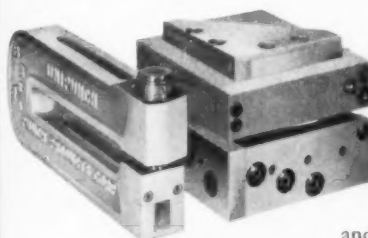
Write for CATALOG A

Series "G" Hole Punching Units

Unipunch Series "G" Hole Punching Units are designed with narrow holders for close center-to-center hole punching in angles, channels, extensions and sheets. Shut height 7 1/2" and die height 3 1/4". Unipunch Series "G" Units are widely used in aircraft fabrication.



Write for CATALOG G



Series "B" Hole Punching and Notching Units

Series "B" Hole Punching Units punch up to 3 1/2" diameter round and shaped holes in up to 1/8" thick mild steel. Notching Units for corner, edge, vee and special notches may be used in the same set-ups with these Hole Punching Units. All Series "B" Units have the same popular standard 5 1/2" shut height and 2 19/32" die height.

Write for CATALOG B

Only UNIPUNCH AIR HYDRAULIC PRESS offers ALL these ADVANTAGES

This 10 Ton Press with Fast Change Tooling punches holes in sheets, angles, channels, and extrusions plus notching operations . . . more economically and more efficiently. May also be used for small stampings and light bending operations. Check these features:

- ★ Exclusive (pats. pend.) hydraulic control provides self-compensating, self-adjusting power stroke with positive stop automatically determined by punch breakthrough in metal eliminating close ram adjustments between varying thicknesses of the work (20 gage to 1/4" thick material without adjusting the ram).
- ★ Simple design (air-hydraulic).
- ★ Minimum of moving parts.
- ★ 100 strokes per minute.
- ★ No double stroking.
- ★ Operates at 10 tons from 75 lb. air line.
- ★ 1 7/8" ram daylight adjustment.
- ★ 15 1/2" throat depth without gaging.
- ★ Equipped with precision gaging.
- ★ 6 standard packages of Fast Change Tooling available for hole punching and notching operations.

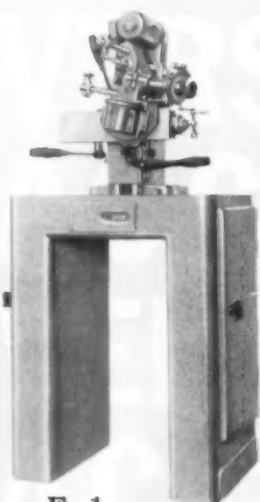
Write for CATALOG 1012



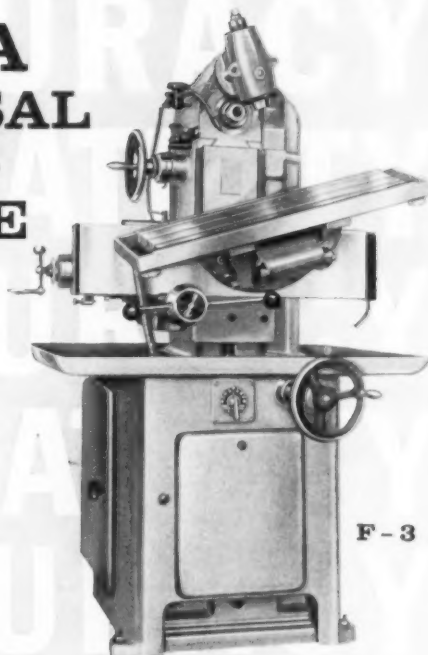
PUNCH PRODUCTS Corporation, 380 Babcock St., Buffalo 6 N. Y.

ACIERA

ACIERA UNIVERSAL MILLING MACHINE



F-1



F-3

ACIERA milling machines are indeed universal in the fullest sense of the word. **ACIERA** offers you a wide variety of tables and attachments to meet your every need — **NOW AND ALWAYS!**

*Model F-1—4" longitudinal—
5 $\frac{7}{8}$ " vertical—3" transverse*

*Model F-3—12" longitudinal—
12" vertical—5 $\frac{1}{4}$ " transverse*

*Model F-4—15 $\frac{3}{4}$ " longitudinal—
17 $\frac{1}{2}$ " vertical—7" transverse*

See the full line of **ACIERA** milling machines and drill presses under power! Fully equipped showrooms in: Philadelphia, Pa.—Detroit, Mich.—Chicago, Ill.—Seattle, Wash.—San Francisco, Calif.—Los Angeles, Calif.



Write for illustrated brochure and the address of nearest showroom.

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122 East Second Street, Mineola, Long Island, New York

ACIERA

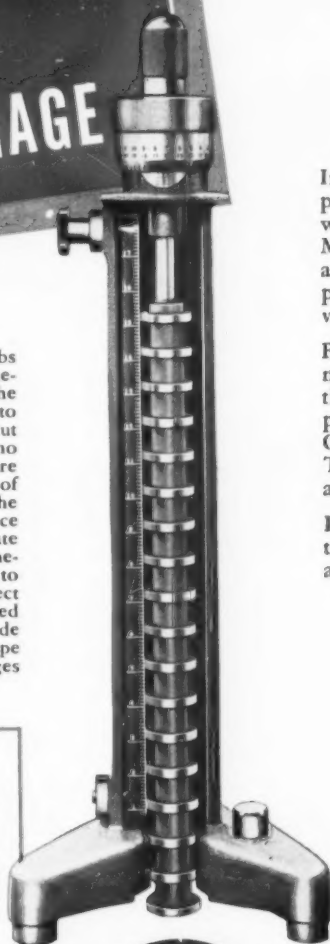
Products of Precision by CADILLAC GAGE

PLA-CHEK GAGES

In thousands of installations on innumerable jobs PLA-CHEK Gages are daily proving their time-saving and money-saving advantages, both at the surface plate and the machine. Extremely easy to operate—and fast, too,—PLA-CHEK Gages cut inspection time from minutes to seconds with no loss of accuracy. No auxiliary gage blocks are necessary. PLA-CHEK'S measuring bar is made of deep-frozen, strain-free alloy steel. Steps on the bar are exactly 1" apart. Because of its one-piece construction, steps cannot change or separate with age. Adjustment of the bar is by the micrometer thimble at top. Since it is not necessary to touch the measuring bar, body heat cannot affect it. All reference surfaces are ground and lapped to extremely close tolerances. Precision-made risers, which give PLA-CHEK even more scope and are engineered as accurately as the gages themselves, are available for all models.

COMPLETE RANGE OF SIZES

PLA-CHEK Gages are available in a full range of sizes to meet every inspection or surface plate layout requirement. Models are: The easily portable 6", 12" and 18" sizes, each guaranteed accurate throughout its entire range to .00005"; the 24" guaranteed to .0001" over its entire range; and the 36" and 48" sizes guaranteed accurate to .0001" in any 24" length or .0002" over their entire range.



If it's precision you want—guaranteed precision—you've come to the right place when you specify Cadillac Gages and Measuring Instruments. For Cadillac is a name built over the years on accuracy, precision, quality, long instrument life, value and economy.

From the famous PLA-CHEK Gages, now proved in hundreds of plants throughout industry, through the complete line of Thread Ring, Thread Plug, Cylindrical Ring, Cylindrical Plug, Pipe Thread and Concentricity Gages, neither accuracy nor quality is ever sacrificed.

If your operations require really close tolerances, specify Cadillac Gages . . . and get guaranteed accuracy.



CYLINDRICAL RING GAGES

Deep frozen for stability and long life, Cadillac Cylindrical Ring Gages reproduce assembly conditions exactly.



THREAD PLUG GAGES

Full length of gaging member is available for inspection. Worn or damaged end may be reversed in collet. Available in a full range of sizes.



THREAD RING GAGES

Manufactured of the finest alloy steel, these gages are heat and cold-treated for maximum stability. They are carefully lapped and closely inspected under controlled conditions.



CYLINDRICAL PLUG GAGES

Available in a full range of sizes, these cylindrical plug gages provide unconditionally guaranteed accuracy.

Cadillac

GAGE COMPANY

P.O. BOX 3806 • DETROIT 5, MICHIGAN

Magna-Lock

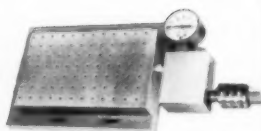
MAGNETIC CHUCKS AND DEVICES

extra holding
power that
solves tough
holding problems



**MILLING MACHINE WITH
BUILT-IN MAGNETIC TABLE**

An entirely new idea! Eliminates need for clamps and bolts on many milling jobs, provides more uniform holding. Working surface, 7" x 27". Three T-slots, 11/16" wide; 2-1/8" between slots.



VACUUM CHUCK

Holds thin non-magnetic parts which can be held no other way. Working surface, 6-3/16" x 3-9/16". Height, 1-3/8". Overall dimensions, 7" x 5".



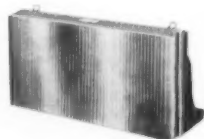
LIFT MAGNET

Capacity, 4,000 lbs. Powered by standard replaceable dry-charge battery. Operating area not dependent on proximity of a power line. Also electrical type and specials.



RECTANGULAR CHUCKS

Working surfaces from 5" x 10" to 36" x 96". Laminated and grid style steel face plates. Also permanent type, 4" x 7" to 8" x 24".



VERTICAL FACE CHUCKS

For face grinders. Adaptable to other types of machines. Sizes (or multiples) same as rectangular models.



ANGULAR ELEVATION

Regular magnetic chucks with angular elevation furnished in standard sizes to 48" long.



SPECIAL 4-POLE

Special rotary chucks hold fixtures for internal and external grinding of rings, etc.



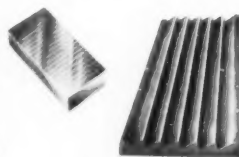
ROTARY CHUCKS

Concentric ring chucks, 6-1/4" diameter face to 72" diameter. Also permanent type, 4-3/4" to 12" diameter.



MAGNA-VISE

Holds non-magnetic materials on magnetic chucks. Work-piece held between spring-loaded jaws actuated by magnetic pull of chuck.



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TOP PLATES**

Laminated steel. Available in a complete line of standard sizes and shapes. Special recessed parallels. Special parallels with spring loaded locating buttons.



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Faster, more accurate set-ups for angular grinding. Easy to use. No dials or scales. Standard gauge blocks insure accuracy. Precision-built. Electric and permanent types.



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5" x 10" to 12" x 84" cross-sections. For tool room, knife bar grinding and similar applications.

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Complete engineering facilities to help solve your particular chucking problems with greatest efficiency and economy. Take advantage of this knowledge and practical experience.

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Demagnetizing units, voltage regulator, demagnetizing and reversing switch, rectifiers. Meet the high quality standards of Magna-Lock chucks.

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The most complete repair and rebuilding service available anywhere. Any make and type of electro-magnetic chuck. Fast service, reasonable cost.

Send for descriptive literature and specifications, Dept. TED-6.

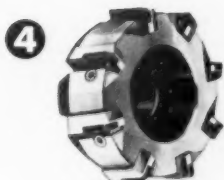
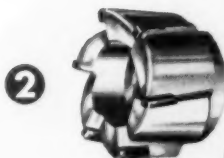
Hanchett **MAGNA-LOCK CORPORATION**
BIG RAPIDS, MICHIGAN, U. S. A.

MAGNA-LOCK, INCORPORATED
BIG RAPIDS, MICHIGAN, U. S. A.

MILLING CUTTERS FROM

Super

Every Milling Cutter produced by the Super Tool Company is made of high quality heat treated steel. This assures longer tool life, greater wearing ability and more diversified usage. The carbide tips either brazed or mechanically held assure faster cutting and a superior finish for your product.



1 IBH FACE MILL—The body of this face mill is designed for general all-purpose milling on any material. The solid Carbide blades are interchangeable for right or left hand bodies.

2 SHELL END MILLS—These End Mills utilize a special body casting and carbide tips, brazed and ground at the right angles for all applications. Super Tool End Mills are job proven through performance in hundreds of leading plants throughout the country.

3 ROTO-BLADE FACE MILLS—Roto-Blade Face Mills feature a new simple, practical design utilizing precision ground throw away inserts. They are built for the most rugged operations and, like the IBH mill, the wedge is placed behind the insert to insure safety for the cutter body. New cutting surfaces are available eight times by indexing and without the need for grinding. The rotateable back-up ring allows for a new insert seat after wearing without further grinding.

4 LIST "DBS"—"DBSS" SHELL END MILLS—These End Mills feature replaceable inserted blades in a shell end mill design. The blades, which are relatively inexpensive, can be purchased separately rather than replacing the entire cutter. The body is made of special steel alloy, heat treated for maximum strength.

5 SLITTING SAWS—These saws are used for cut-off, slotting, and parting of all materials in use today. Each saw is made with a heat treated steel alloy body and straightened to precision tolerances. A full range of styles and sizes of Super Tool saws available from stock.

6 PLAIN AND SIDE MILLS—Super Tool Company has a wide range of cutters designed for the "everyday" job as well as the "impossible" jobs. They are constructed of steel bodies with brazed Carbide cutting edges. These are the "work horses" of every metal cutting plant. They feature heat treated steel bodies and come in a variety of sizes and styles to fit any possible need or application.

7 BI-AXIAL CUTTERS—These cutters have accurate long-life Carbide cutting teeth for slotting steel. By its combination of angles, the Bi-Axial Cutter will wear on the periphery of the tool rather than on the sides, resulting in longer life and retention of original size.

These tools are available for immediate delivery in a full range of sizes and designs.



SUPER TOOL COMPANY

21650 HOOVER ROAD

• DETROIT 13, MICHIGAN



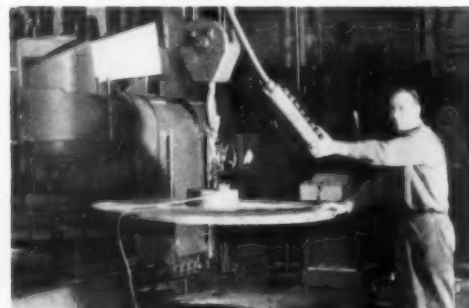
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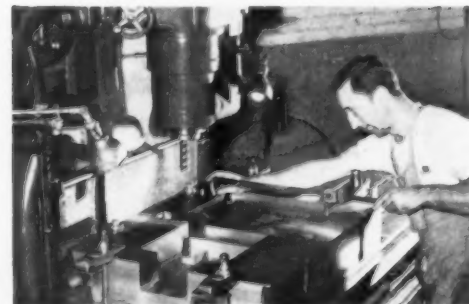
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Efficient plate handling and cutting facilities



Precision grinding and machining equipment



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fastest hole finishers!

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Deburs and chamfers both front and back surfaces in one pass. Spring-loaded blade depresses to pass through; chamfer controlled by spring setting.

BAKSINK

Cuts precise angles, radii or counterbores back surfaces. Depth control adjustable in .001 increments by a twist of the wrist. Fits any spindle.

TUBURR

Three tube-forming operations in one cycle. Performs O.D., I.D. chamfering, and facing with single blade. Carbide cone tip automatically centers tubing.

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Most accurate, precision tool for depth-controlled countersinking. Adjustable to .001". Features ball thrust bearings, anti-friction roller bearings.

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Sizes and surface finishes O.D.'s, I.D.'s, tapered and contoured surfaces to finishes under 10 microinches. Work-hardens the surface, reduces porosity, develops corrosion resistance.

These and other Cogsdill specialized metalworking tools are bringing industry major savings in production time, tool cost and quality improvement.

Whatever your hole or tube finishing problem, let our engineers show you the opportunities provided by Cogsdill tooling. Full story in the Cogsdill catalog—yours for the asking.



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Western Branch: Phone PL 3-3321 • Los Angeles, California

Lower Cost, Faster, Accurate Angular Set-ups



MAGNA-SINE (Magnetic)

Robbins MAGNA-SINE and Non-Magnetic SINE PLATES



SINE PLATE (Non-Magnetic)

Robbins angular tooling equipment often pays for itself the first few times you use it . . . and it *always* saves dollars of valuable time wherever it's used. Setups that require *hours* by other methods take just minutes the Robbins way. Set up to machine, grind or inspect any angle in just four simple steps: (1) Look up required angle in Table of Constants furnished with unit, (2)

Select gage blocks indicated, (3) Place blocks between base and sine bar swivel block, (4) Secure the work . . . and you're ready to go! This simple, fast, sure method sets up any angle, single or compound, right or left hand, without V-blocks, angle plates or complicated "build-ups". Complete range of models and sizes for any shop, large or small.

MAGNA-SINE for Single Angles



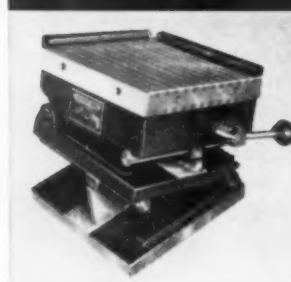
Model Number	Working Area
B-3-MS	4" x 4"
B-5-MS	6-1/2" x 6-1/2"
B-10-MS	6" x 11-1/2"
B-20-MS	7-1/2" x 20-1/2"

SINE PLATE for Single Angles



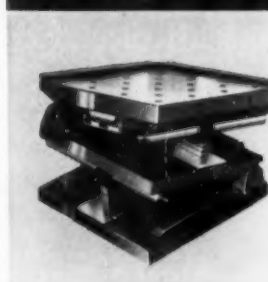
Model Number	Working Area
B-3-SP	4" x 4"
B-5-SP	6-1/2" x 6-1/2"
B-10-SP	7-3/4" x 12-1/2"
B-12	12" x 12"
B-24	24" x 24"

MAGNA-SINE for Single & Compound Angles



Model Number	Working Area
A-5-MS	6-1/2" x 6-1/2"
A-10-MS	6" x 11-1/2"
A-20-MS	7-1/2" x 20-1/2"

SINE PLATE for Single & Compound Angles



Model Number	Working Area
A-5-SP	6-1/2" x 6-1/2"
A-10-SP	7-3/4" x 12-1/2"

EX-CELL-O
CORPORATION
GREENVILLE PLANT

945 E. Sater St., Greenville, Ohio

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Just 1 tube serves three amplifications

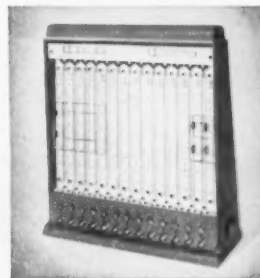
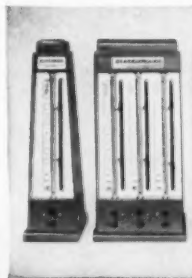
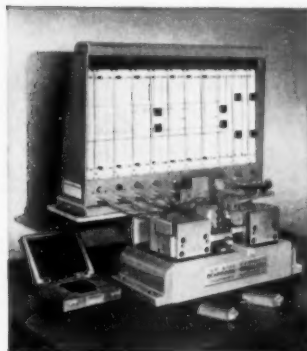
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Dearbornaire Instruments are offered as single or multiple column units in amplifications of 1250-1, 2500-1, 5000-1, and 10,000-1 or in any combination thereof.



New Catalog contains complete price information on Dearbornaire Instruments and Air Gage Cartridges, Spindles, Rings, Snaps and Fixtures. Send for your free copy today!



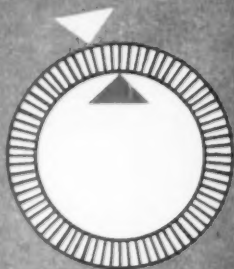
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① SIZING ② ROUNDNESS ③ STRAIGHTNESS ④ SURFACE FINISH

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For quick economical work on open, tandem or blind holes in any material, from stock removal through finish sizing . . . from deburring through micro-fitting. Guarantees production tolerances to .0001" or when required down to .000025" (25 millionths) without chucking or use of jigs or fixtures.

Produces geometrically true round holes. Corrects out-of-round conditions left in work from previous operations with a minimum of stock removal.

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I. D. RANGE—.100" through 2.625" with stock tooling and through 4.500" with tooling built on order.

AVERAGE INSTALLATION WITH TOOLING, COSTS APPROXIMATELY \$1000



MODEL
MBB-1290 D



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SUNNEN PORTABLE HONES

The "tools of a thousand uses." Size and finish holes anywhere in any position. Excellent for small lot production...for large or heavy parts . . . for sizing or correcting undersize, tapered, out-of-round, barrel, bellmouth etc. and for "on-the-job" re-sizing of holes in machine repairs.

- Remove stock fast in any material.
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- Generate geometrically round and straight bores.
- Available for 1 1/4" thru 20 1/2" hole diam.
- Eliminate need for jigs or fixturing.
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- Powered by portable drill, drill press etc.



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For fast accurate O.D. sizing and precision finishing of 1/8" through 2 3/4" shafts, arbors, spindles, plungers, leader pins, plug gages and many other parts. Ideal for toolrooms, machine shops and close tolerance production work. Correct errors from previous operations such as grind patterns, cloverleaf, rainbow, taper, bow and out-of-roundness. Hold tolerances to .000025" (25 millionths) if needed and produce surface finishes down to 2 microinches.



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Better Steel



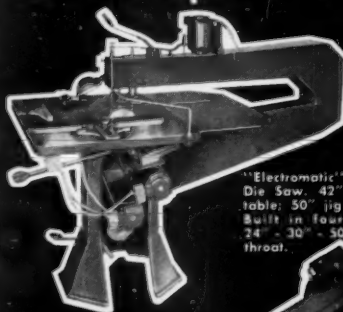
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FOR SHEARING, BLANKING, PUNCHING OR PIERCING . . . MAKE STEEL RULE DIES FASTER, BETTER, CHEAPER WITH RICHARDS INDUSTRIAL STEEL RULE DIE-MAKING EQUIPMENT!

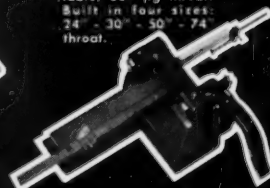
You save up to 90% in time and costs when you make steel rule dies in your own plant! Production costs and waiting time go down when Richards Equipment goes to work for you! More and more progressive manufacturers are turning to steel rule dies for faster, higher-profit work on all types and gauges of metal.

Richards' fifty years of experience as pioneer manufacturers of steel rule die-making equipment and supplies provides you with a complete service. Write today for full details on Richards "Multiform" Heavy Duty Benders and Cutters and "Electromatic" Precision Die Saws.

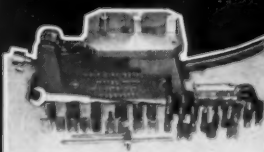
Save up to 90%



"Electromatic" Super Die Saw. 42" x 52" table, 50" pig throat. Built in four sizes: 24" - 30" - 30" - 74" throat.



"Atlas" straight steel rule cutting machines No. 3ACS.

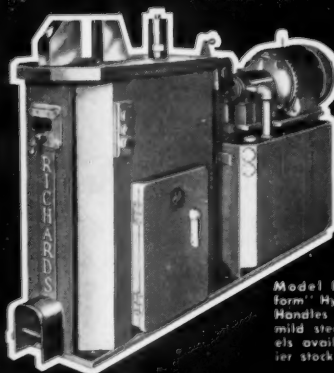


"Multiform" Heavy Duty Bender No. 4HDC. Produces an infinite variety of bends using standard tools.

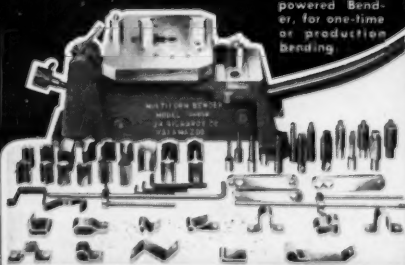
Multiform Benders

ELIMINATE SPECIAL TOOLING COSTS! REDUCE SET UP TIME . . . BOOST PRODUCTION!

Now: Richards "Multiform" Benders — self-contained machines each with standard tools—produce an infinite number of different bends on all types of stock. On one-time jobs or production runs, Richards eliminates the need for special tools . . . provides fast set up. "Multiform" Benders provide wide clearance for loading and unloading and forming practically any shape. Hand, air or hydraulic powered models available for high-speed bending on stocks up to 1/2" x 8" for bus bar, aircraft, stamping work, etc. Investigate this newest, fastest, most profitable method of bending now. Write for full details.



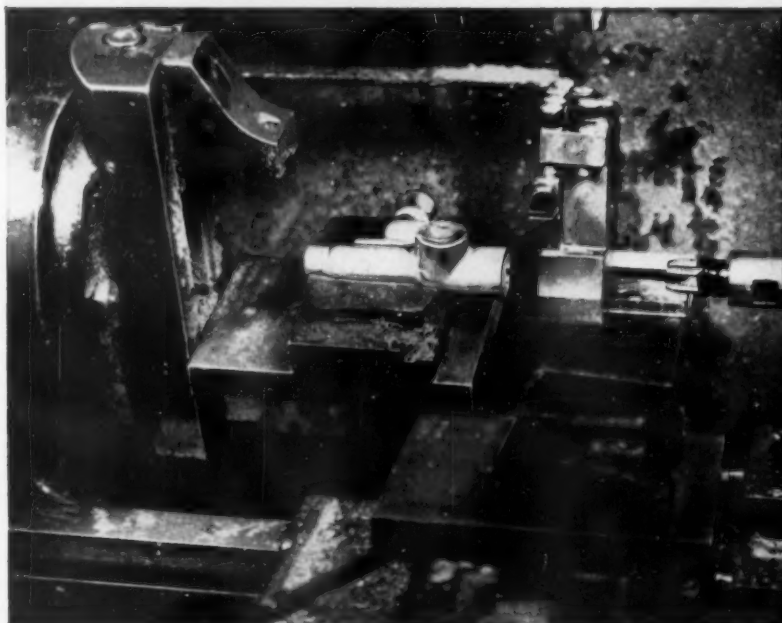
Model BB-H "Multiform" Hydraulic Bender. Handles up to 3/4" x 6" mild steel. Other models available for heavier stock.



Model SHDSB "Multiform" hand-powered Bender, for one-time or production bending.

J. A. RICHARDS Company
NORTH PITCHER STREET, KALAMAZOO, MICHIGAN

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SOLUTION:

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 Order a supply from your local industrial distributor today.
 Free bulletins and catalogs on request.

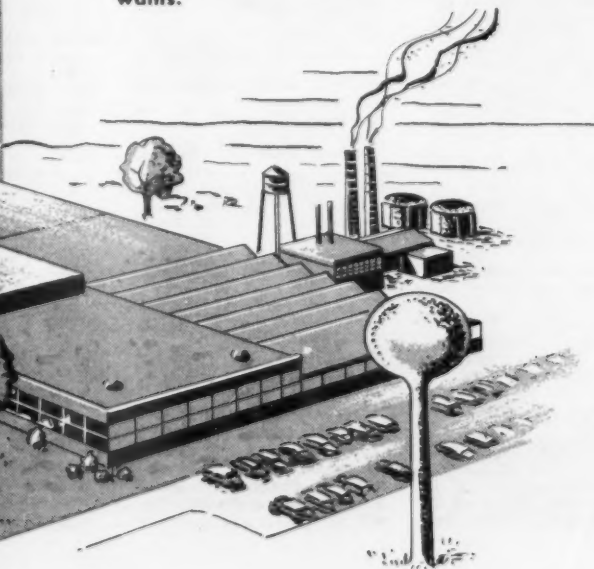


MANUFACTURERS

Manufacturers listed in the yellow pages are restricted to those companies whose products are specified by tool and manufacturing engineers. As such their inclusion in the Suppliers Directory is a testimonial not only to their stability but to their consequence in the field of tool and manufacturing engineering.

Companies included in this section are listed in alphabetical sequence. Complete addresses and phone numbers, as furnished by the manufacturers themselves, are listed after the company names. Below each address is a group of code numbers, each of which refers to a company sales outlet. In the event a company does not list its sales outlets, its name and address is followed by the line "Contact manufacturer direct."

Selection of any of the code numbers preceded by the name of the user's state will tell him—through reference to the pink section—just where he can purchase the product he wants.



MANUFACTURERS

— A —

AA GAGE CO.

AA Industries, Design Engineering Div.

350 Fair St.
Detroit 20, Mich.
Phone: JO 4-6443
Cal. 112, 239, 1179—Conn. 101—
Fla. 358—Ind. 461—N. M. 25—
N. C. 169—Ohio 67—Tex. 328

AAA MFG. CO., INC.

P. O. Box 3188
Greenville, S. C.
S. C. 66

A & C ENGINEERING CO.

12024 E. 9 Mile Rd.
Warren, Mich.
Phone: SL 9-6520-21-28
Ariz. 93—Cal. 49, 1088, 1486, 1651
—Colo. 166—Ill. 467, 1224—Ind. 3
—Mass. 593—Mich. 857, 1377—
N. Y. 623—Ohio 110, 305, 786—Pa.
468, 980—R. I. 3—Tex. 101—Wash.
218—Wis. 280

A. I. T. DIAMOND TOOL CO.

8221 N. Kimball Ave.
Skokie, Ill.
Phone: OR 5-5070
Ala. 119, 196—Ariz. 37, 83, 118—
Cal. 51, 133, 431, 876, 1364—Colo.
58—Fla. 15, 194, 321—Ind. 280—
Iowa 4—Ky. 130—Md. 120, 202—
Mass. 86—Mich. 134, 890—Minn.
282—Mo. 95, 314—N. M. 2—N. Y.
1146—N. C. 135—Ohio 645, 1242,
1649—Okla. 24, 138—Ore. 76—
Pa. 188, 308, 1131, 1202—S. C.—
Tenn. 105—Tex. 873, 875—
Wash. 302—Wis. 230, 340—
Canada, Quebec 529

AMF TOOL DIV.

American Machine & Foundry Co.

224 Glenwood Ave.
Bloomfield, N. J.
Phone: PI 8-1525
Ala. 158—Ariz. 178—Cal. 1589—
Colo. 72—Conn. 43, 385, 462—Del.
8—D. C. 24—Fla. 84, 162, 201, 272,
313, 366—Ga. 61, 352—Idaho—
Ill. 74, 206, 1187—Ind. 21, 104, 223,
544—Iowa 10, 55—Kan. 2, 28, 98,
100, 111, 114—Ky. 20, 66, 73—Md.
18, 51, 120—Mass. 13, 20, 59, 61
204, 208, 281, 290, 351, 508, 531, 546
—Mich. 20, 210, 212, 653, 857, 979,
1098, 1109, 1139, 1216, 1262, 1316—
Minn. 203, 231, 267—Mo. 57, 96,
98, 160, 567—Neb. 37—N. J. 27, 37,
130, 147, 243, 388, 408, 469—N. Y.
100, 124, 290, 442, 590, 624, 682,
846, 935, 1333, 1455, 1599—N. Y.
75, 187, 246—Ohio 105, 976, 1074,
1161, 1205, 1435, 1606—Okla. 24,
129, 138—Ore. 68, 131—Pa. 168,
349, 680, 840, 1304—R. I. 9, 84,
67, 69—Tenn. 225—Tex. 116, 251,
695—Vt. 18—Va. 73, 167, 170—
Wash. 164, 197, 245—W. Va. 18—
Wis. 78, 167, 455

ABART GEAR & MACHINE CO.

4830 W. 16th St.
Chicago 50, Ill.
Phone: BL 2-2525
(Contact manufacturer direct)

ABBEY ETNA MACHINE CO.

East Indiana Ave.
Perrysburg, Ohio
Phone: TR 4-4301
Cal. 1591—Ga. 176—Ill. 57—Ind.
338—Mich. 52—Mo. 191, 508—N. J.
554—Ohio 1679

ABBOTT BALL CO., THE

Railroad Pl.
Hartford 10, Conn.
Phone: JA 3-4231
Cal. 363, 1175—Conn. 460—Ill. 906
—Mich. 440—Mo. 125, 322—N. Y.
403, 871—Ohio 23, 678, 1199—Pa.

729—Tex. 55—Canada, Quebec
577

ABER ENGINEERING WORKS INC.

513 Aber Dr.
Waterford, Wis.
Phone: 176
Cal. 413—Ill. 989—Ind. 209, 512—
Mich. 219—N. Y. 1150, 1583—Tex.
752—Wash. 253—Wis. 423

ABRASIVE ASSOCIATES

34 Robert
Wallingford, Conn.
Phone: CO 9-4456
Cal. 677, 1430—Conn. 35, 495—
D. C. 67—Ill. 340, 1180, 1195—Ind.
22—Kan. 101—Mass. 303, 560—
Mich. 51, 103, 481, 588, 675, 1253
Mo. 162, 457, 473—N. J. 510—N. Y.
1154, 1424—Ohio 617, 663, 1517—
R. I. 24—Wis. 356

ABRASIVE DRESSING TOOL CO.

14528 2nd Blvd.
Detroit 3, Mich.
Phone: TO 8-6000
Conn. 224—Ill. 24, 1083—Ind. 184
—Mass. 346—Mich. 390, 1026, 1089
—N. Y. 364, 626, 1404—Ohio 1186,
1362—Pa. 231, 943, 1200—Wis. 28

ACC-U-MAT MACHINE CO.

40 Exchange Pl.
New York 5, N. Y.
Phone: DI 4-6328
Ala. 94—Cal. 687—Conn. 508—Ill.
168—Kan. 123—Mich. 614—N. J.
255—N. Y. 1442—Ohio 309, 679,
1074—Pa. 54, 206, 1087

ACCO EQUIPMENT DIV.

American Chain & Cable Co.
1100 E. Princess St.
York, Pa.
(Contact manufacturer direct)

ACCURATE BUSHING CO.

443 N. Ave.
Garwood, N. J.
Phone: SU 9-1122
(See advertisement p. 15)
Cal. 571, 1088—Colo. 103—Conn.
393-477—Ga. 43, 315—Ill. 783, 1195
—Ind. 385—Iowa 16, 103—Kan.
114—Ky. 120—Mass. 593—Mich.
91—Minn. 243—Mo. 3, 144, 549—
N. Y. 355, 442, 544, 1197, 1377,
1514—Ohio 106, 718, 1391—Okla.
24, 167—Pa. 871, 1187—R. I. 14—
Tex. 330, 424, 659, 684, 762—Va.
159—Wash. 44—Canada, Ontario
269

ACCURATE GEAR WORKS

4657 N. Pulaski Rd.
Chicago 30, Ill.
Phone: KE 9-1350
(Contact manufacturer direct)

ACCURITE SURFACE PLATE CO.

4661 Alger St.
Los Angeles 39, Calif.
Phone: CH 5-2386
(Contact manufacturer direct)

ACE ABRASIVE LABORATORIES, INC.

35 Roselle St.
Mineola, N. Y.
Phone: PI 6-3347
(Contact manufacturer direct)

ACE DRILL BUSHING CO., INC.

5407 Fountain Ave.
Los Angeles 29, Calif.
Phone: HO 9-8251
(See advertisement p. 515)
Mich. 137—N. J. 326

ACE DRILL CORP.

Adrian, Mich.
Phone: CO 5-S184
Colo. 201—Conn. 340—Ga. 263—
Kan. 27—Mich. 3—Pa. 313—Tex.
219

ACE-SYCAMORE, INC.

413 DeKalb Ave.
Sycamore, Ill.
Phone: 4573
(Contact manufacturer direct)

ACHESON COLLOIDS CO.

Div. of Acheson Industries, Inc.
1635 Washington Ave.
Port Huron, Mich.
Phone: YU 4-4171
Cal. 995—Ill. 60—Mass. 32—Mich.
138—Mo. 460—N. J. 511—N. Y.
1212—Ohio 451, 1114—Pa. 439, 759

ACME BROACH CORP.

14100 Platt Rd.
Milan, Mich.
(Contact manufacturer direct)

ACME-DANNEMAN CO., INC.

45 W. 18th St.
New York 11, N. Y.
Phone: AL 5-7150
N. Y. 798, 805

ACME ELECTRIC WELDER CO.

2618 Fruitland Ave.
Los Angeles 58, Calif.
Phone: LU 3-1714
(Contact manufacturer direct)

ACME INDUSTRIAL CO.

200-222 N. Laflin St.
Chicago 7, Ill.
Phone: MO 6-4122
Ala. 155—Colo. 19—Conn. 334—
Fla. 384—Ill. 1093, 1200—Ind. 372,
549—Iowa 24—Ky. 114—Mass. 358
—Mich. 705—Minn. 231—Miss.
138, 487—Neb. 12—N. J. 506—
N. Y. 196, 685, 1291, 1535—N. C.
247—Ohio 378, 690, 1186, 1565—
Pa. 554, 768—Tex. 695, 964—Wash.
226—Wis. 415

ACME INDUSTRIAL PRODUCTS, INC.

111 E. 12 Mile Rd.
Madison Heights, Mich.
Phone: JO 4-6875
Ariz. 49—Cal. 847—Ga. 62—Ill.
976, 1175—Ind. 385—Iowa 52—
Ky. 83—N. Y. 1435—Ohio 921,
1297, 1604—Tenn. 139, 262—Wis.
94—Canada, Ontario 419, 478

ACME MARKING EQUIPMENT CO.

8030 Lyndon Ave.
Detroit 38, Mich.
Phone: UN 1-8070-1
Cal. 413, 1205—Mich. 1156

ACME SCIENTIFIC CO.

1450 W. Randolph St.
Chicago 7, Ill.
Phone: MO 6-1834
Cal. 1473—Conn. 334—Fla. 298—
Minn. 52—Miss. 302—N. C. 247—
Ohio 690, 1145, 1186—Pa. 184, 554

ACME STEEL CO.

135th St. & Perry Ave.
Chicago 27, Ill.
Phone: IN 8-9500
Cal. 330, 1150—Ga. 313—La. 63—
Md. 3—Mass. 33—Mich. 141—Mo.
286—N. J. 65—N. Y. 423—N. C. 13
—Ohio 130—Ore. 39—Pa. 63-760—
Wash. 31—Wis. 99

ACME TOOL CORP.

71 W. Broadway
New York 7, N. Y.
(Contact manufacturer direct)

ACORN IRON & SUPPLY CO.

915 N. Delaware Ave.
Philadelphia 23, Pa.
Phone: WA 2-7070
(Contact manufacturer direct)

ACOUSHNET PROCESS CO.

P. O. Box 916
New Bedford, Mass.
Phone: WY 3-1711
Cal. 966—Ill. 506, 1305—Ind. 460—
Mass. 365—Mich. 159, 224, 230—
Mo. 430—N. H. 13—N. J. 256—
N. Y. 1375, 1422—Ohio 1141, 1455
—Tex. 701—Wash. 305

ACOUSTICA ASSOCIATES, INC.

Fairchild Ct.
Plainview, L. I., N. Y.
Phone: OV 1-2100
Ariz. 26—Cal. 387, 1185—Colo. 32
—Conn. 135—D. C. 58—Fla. 19—
Ga. 235—Ill. 895—Mass. 435—
Mich. 814—Minn. 83—Mo. 628—
N. J. 446—N. M. 11—N. Y. 486,
1156, 1189—N. C. 51—Ore. 170—
Pa. 1250—R. I. 68—S. C. 43—Tex.
85, 398—Utah 21—Wash. 243—
Canada Brit. Col. 86—Ontario 389

ACRO WELDER MFG. CO.

1719 W. St. Paul Ave.
Milwaukee 3, Wis.
Phone: WE 3-6250
Ala. 110—Cal. 1427—Colo. 196—
Conn. 332—Ga. 265—Ill. 837, 849,
1069, 1082, 1129, 1210, 1221, 1231—
Ind. 98, 431—Kan. 61—Md. 50—
Mass. 193, 511, 691—Mich. 493,
938, 1222, 1334—Minn. 18, 162—
Mo. 119, 400, 488—Neb. 37—N. J.
358—N. Y. 3, 97, 282, 437, 668,
1298, 1476—N. C. 249—Ohio 336,
724, 882, 1100, 1301, 1618—Pa.
183, 286, 279, 361, 516, 547—
R. I. 37—Tenn. 42, 119, 233—
Tex. 211—Wash. 70—Wis. 21, 224

ACROMARK CO., THE

607 Morrell St.
Elizabeth 4, N. J.
Phone: EL 2-6500
Cal. 263, 1308—Colo. 173—Conn.
411—Fla. 251—Ind. 61, 519—Iowa
21, 167—Mass. 78—Mich. 659—
Minn. 327—Mo. 216, 555—N. Y.
159, 1211—N. C. 247—Ohio 1283—
Pa. 725—Tex. 223—Va. 100—Wis.
384—Canada Ontario 301

ACROMATIC TOOL CO.

21150 Coolidge Hwy.
Oak Park, Mich.
(Contact manufacturer direct)

ACTION DIAMOND TOOL CO.

4545 W. Grand Ave.
Chicago 39, Ill.
Phone: CA 7-3221
Cal. 114, 894—Ind. 238—Mass. 685
—Mich. 630, 1325—N. Y. 1307—
Ohio 107, 460—Pa. 254

ACTUATOR PRODUCTS

Div. of Geartronics Corp.
32 Nashua St.
Woburn, Mass.
Phone: WE 3-1400
Cal. 1005—Mass. 218—N. C. 111—
Ohio 70—Tex. 457, 773

ADAMAS CARBIDE CORP.

Market St.
Kenilworth, N. J.
Phone: CH 1-1000
(See advertisement p. 502)
Cal. 270, 279, 1018, 1077, 1103,
1469, 1471—Colo. 89—Conn. 143,
269, 385, 393, 405—Fla. 184, 350,
363—Ill. 61, 554, 1154—Ind. 359—
Iowa 16, 31, 130, 180—Kan. 121—
Mass. 469, 672—Mich. 104, 936—
Minn. 175—N. Y. 230, 450, 626,
1388, 1197, 1418, 1638—Ohio 258,
452, 509, 554, 637, 1092, 1212—
Ore. 131, 176—Pa. 190, 383, 981—
R. I. 8—S. C. 6—Tenn. 222—
Tex. 602, 750—Vt. 14—Va. 13—
Wash. 263, 374—Wis. 481, 488

ADEL PRECISION PRODUCTS

A Div. of General Metals Corp.

1444 Washington Ave.
Huntington 4, W. Va.
Phone: JA 2-7345
Ariz. 8—Cal. 1512—Colo. 208—
Conn. 272—Ill. 44—Ind. 41, 85,
325, 539—Mass. 119, 518, 664, 665—
Mich. 436, 965, 1320—Mo. 386—
N. J. 177—N. Y. 134—Ohio 994,
1587—Ore. 58—Pa. 443, 860—R. I.
17—Tex. 495—Wis. 316—Canada
Quebec 494

ADJUSTABLE CLAMP CO.

417 N. Ashland Ave. - Dept T. E.
Chicago 22, Ill.
Phone: MO 6-0640
Cal. 393—Ill. 532—Mass. 97—Mo.
213—N. Y. 886—Pa. 151—Tenn.
254—Tex. 342—Wash. 211—
Canada, Ontario 343

ADVANCE CAR MOVER CO.

112 N. Outagamie St.
Appleton, Wis.
Phone: RE 3-5523
Ala. 196—Cal. 404, 616, 1297, 1298
—Colo. 149—Del. 1—D. C. 70—
Fla. 206—Ga. 352—Ill. 495, 585,
775, 976, 1274—Ind. 44, 551, 563—
Iowa 103—Ky. 134—Md. 27—
Mass. 517—Mich. 23, 582, 696,
1222—Minn. 16—N. H. 14—Tex.
785—Wis. 450

ADVANCE PRODUCTS CORP.

N. Shore Dr.
Benton Harbor, Mich.
Phone: WA 5-8809
(Rotary Tables only)
Cal. 723, 1517—Conn. 467—Fla.
272—Ga. 55—Ill. 1030, 1033—Ind.
259—Ky. 85—Md. 15, 51—Mich.
561, 824—Minn. 231—Mo. 546—
N. J. 71, 104—N. Y. 424, 679—
N. C. 169—Ohio 621—Ore. 157—
Pa. 598, 1106—Va. 73—Wis. 323

**AER-O-MATIC TOOL DIV.
ENGMAN-TAYLOR CO., INC.**

2830 W. Stark St.
Milwaukee 9, Wis.
Phone: UP 3-2520
(Contact manufacturer direct)

AERO SERVICE CORP.

210 E. Courtland St.
Philadelphia 20, Pa.
(Contact manufacturer direct)

AEROQUIP CORP.

300 S. E. Ave.
Jackson, Mich.
Phone: ST 2-0361
Fla. 144—Ill. 1028—Minn. 51—
N. J. 463—N. C. 160—Ore. 40—
Tex. 79

**AETNA BALL & ROLLER
BEARING CO.**

4600 W. Schubert Ave.
Chicago 39, Ill.
Phone: CA 7-2410
Ala. 93—Cal. 751, 1138, 1365—
Colo. 203—Conn. 210, 313, 403,
426—Fla. 98, 196—Ga. 191—Ill. 817
—Me. 3, 12—Md. 105—Mass. 182,
624, 684—Mich. 780—N. J. 274,
417, 433, 569—N. Y. 34, 69, 345,
448, 548, 1081, 1143, 1205, 1370,
1561, 1611, 1662—N. C. 95, 173—
Ohio 350, 745—Ore. 182—Pa. 634
R. I. 72—Tex. 659—Va. 108—
Wash. 267

AGET MFG. CO.

1311 E. Church St.
Adrian, Mich.
Phone: CO 5-2106
Ala. 21—Cal. 64, 702—Colo. 61—
Conn. 372—Ill. 295—Ind. 150—
Kan. 21—Md. 166—Mich. 1231—
Minn. 256—Mo. 582—N. Y. 789,
1278—Ohio 379, 734, 1087—Ore.

179—Pa. 513, 821—Tex. 603—
Wash. 259, 347—Canada Manitoba
110—Ontario 358—Quebec 553

AGNEW MACHINE CO.

127 S. Main
Milford, Mich.
Phone: MU 4-1115
Ill. 243—Mich. 1043—Ohio 634,
1577—Wis. 172

AIR-HYDRAULICS, INC.

545 Hupp Ave.
Jackson, Mich.
Phone: ST 2-7956
Cal. 298, 1308—Conn. 178, 354—
Fla. 321—Ga. 221—Ill. 56, 585,
1197, Ind. 254—Mass. 418—Mich.
425, 503, 978, 1323—Minn. 39, 327
—Mo. 398—N. J. 131, 251—N. Y.
290, 445, 616—N. C. 84—Ohio 749
—Canada Ontario 156, 462

AIR-MITE DEVICES, INC.

4401 W. Kinzie St.
Chicago 24, Ill.
Phone: MA 6-6904
(Contact manufacturer direct)

AIR REDUCTION SALES CO.

Div. of Air Reduction Co., Inc.
150 E. 42nd St.
New York 17, N. Y.
Phone: MU 2-6700
(Contact manufacturer direct)

AIRBORNE ACCESSORIES CORP.

1414 Chestnut Ave.
Hillsdale 5, N. J.
Phone: MU 8-0250
Cal. 798, 1093—Ga. 9—Tex. 261—
Wash. 7—Canada Ontario 436

**AIRBORNE INSTRUMENTS
LABORATORY**

Div. of Cutler-Hammer, Inc.
Cotnam Rd.
Deer Park, L. I., N. Y.
Phone: MY 2-6100
(See advertisement p. 510)
Ala. 32—Ariz. 35—Cal. 176, 448,
1048, 1217—Colo. 54—Conn. 294—
Fla. 78, 347—Ga. 88—Ill. 235, 1094,
1151—Ind. 196, 518—Iowa 51—Ky.
49—La. 93, 195—Md. 42, 191—
Mass. 68—Mich. 284, 932, 1314—
Minn. 84—Mo. 80, 371—Neb. 33—
N. J. 345-559—N. Y. 12, 204, 797,
1479—N. C. 42—Ohio 207, 564,
1038, 1149, 1556, 1707—Okla. 76—
Ore. 74—Pa. 16, 849, 1176, 1234,
1299—Tenn. 134—Tex. 17, 148, 549
817—Utah 35—Va. 86—Wash. 306,
317—W. Va. 24—Wis. 6, 168

AIRETOOL MFG. CO., THE

302 S. Center St.
Springfield, Ohio
Phone: FA 3-4988
Ariz. 72—Cal. 641, 1310—Ill. 1312
—La. 6, 67—Mich. 317—Minn. 61
—Mo. 19—N. J. 295—N. Y. 407
688—Ohio 1056—Okla. 49—Ore.
137—Pa. 1148—Tex. 496—Utah 22
—Va. 98—Wash. 191—Wis. 432—
Canada Ontario 147—Quebec 620

AIRMATIC VALVE, INC.

7313 Associate Ave.
Cleveland 9, Ohio
Phone: WO 1-5320
(See advertisement p. 495)
Cal. 27, 935, 1108, 1508, 1559—
Colo. 118—Fla. 2—Ga. 39—
Hawaii 18—Ill. 44—Ind. 372,
457, 483—Ky. 114—Mass. 334—
Mich. 213—Minn. 224—Mo. 169,
266, 466—N. Y. 134, 215, 576, 616,
1214, 1471—N. C. 84—Ohio 209,
384, 885, 994, 1085, 1272, 1559,
1563—Ore. 17, 138A, 209—Pa.
150, 585, 1035—S. C. 9—Tex. 24,
74, 325, 720, 828—Utah 75—Va.
—Wash. 257, 296—Wis. 322—
Canada Alberta 31—B. C. 70—
Ont. 384—Que. 491—Hawaii 18

AJAX ELECTRIC CO.

Frankford & Delaware Ave.
Philadelphia 23, Pa.
Phone: NE 4-0548
Cal. 329, 1514—Colo. 9—Conn. 138
—Fla. 128—Ga. 13—Ill. 879—
Kan. 54—Md. 5—Mich. 144—N. Y.
689, 1575—Ohio 131, 454, 1014—
Pa. 255, 762—Tenn. 218—Tex. 82,
497—Wash. 33

**AJAX FLEX. COUPLING CO.,
INC.**

Westfield, N. Y.
Phone: FA 6-3121
Ala. 95—Cal. 648, 1350—Colo. 46
—Ga. 126—Ill. 128—Ind. 239—
Ky. 68—Mass. 23—Mich. 181—
Minn. 70—Mo. 117, 344—N. Y. 252,
869, 1511—Ohio 241, 671—Pa. 898,
1214—Tenn. 83, 153—Tex. 341—
Va. 98—Wash. 277—Canada 273

AJAX MAGNETHERMIC CORP.

3990 Simon Rd.
Youngstown 1, Ohio
Phone: ST 8-9661
Conn. 273—Ill. 1029—Mich. 53—
Ohio 132, 455—Pa. 177, 445

ALAMEDA GAGE CO.

10851 Capital Ave.
Oak Park 37, Mich.
Phone: LI 6-1772
(Contact manufacturer direct)

**ALDRIDGE INDUSTRIAL OILS,
INC.**

3401 W. 140 St.
Cleveland 11, Ohio
Phone: CL 1-3505
Conn. 357—Ind. 347—Mich. 1258—
N. Y. 303—R. I. 7

ALEMITE DIV.

STEWART-WARNER CORP.
1826 Diversey Parkwy.
Chicago 14, Ill.
Phone: LA 5-6000
Ala. 9—Ariz. 10—Cal. 330 1515—
Colo. 10—Conn. 206—Fla. 64—Ga.
14—Ill. 68—Ind. 133—Iowa 87—
Ky. 27—La. 66—Md. 6—Mass. 34
Mich. 54—Minn. 41—Mo. 228, 288
—Mont. 1—Neb. 17—N. Y. 140,
578—N. C. 13—N. D. 4—Ohio 133,
457—Okla. 50—Ore. 42—Pa. 448,
763—Tenn. 113, 219—Tex. 83, 393,
498, 848—Utah 8—Wash. 35—
Wis. 102—Canada, Ontario 143

ALINA CORP.

122 E. 2nd St.
Mineola, L. I., N. Y.
Phone: PI 7-5336
(See advertisement p. 222)
(Contact manufacturer direct)

ALKON PRODUCTS CORP.

200 Central Ave.
Hawthorne, N. J.
Phone: HA 7-6633
Ariz. 7—Cal. 872—Conn. 272—
Fla. 175—Ill. 1246—Ind. 491—Md.
37—Mass. 431—Mich. 509—Minn.
39—Mo. 37, 396—N. J. 177, 207—
N. Y. 1214—Ohio 1456—Ore. 107—
Pa. 585—Tex. 722—Wash. 144—
Wis. 352—Canada Ontario 372—
Quebec 593

**ALL-STATE WELDING ALLOYS
CO. INC.**

P. O. Box 350
White Plains, N. Y.
Phone: WH 8-4646
Ca. 1496—Ga. 129—Ill. 528—Kan.
56—Mo. 294—N. J. 223—N. Y. 800,
1640—Canada Ontario 282

**ALLEGHENY LUDLUM STEEL
CORP.**

Oliver Bldg.
Pittsburgh 22, Pa.
Phone: CO 1-5300
(See advertisement p. 310)
Ala. 10, 88, 94—Ariz. 37, 132—Cal.

333, 442, 668, 846, 1144, 1155, 1204,
1241, 1304, 1432, 1479—Colo. 195—
Conn. 25, 97, 170, 326, 343, 360—
D. C. 1—Fla. 114, 384—Ga. 82—
Idaho 11—Ill. 71, 74, 758, 994, 1135
1169—Ind. 1, 11, 89, 134, 177, 352,
442, 537—Iowa 157—La. 111, 146,
180—Md. 27—Mass. 16, 210, 448,
491, 660—Mich. 145, 385, 616, 837,
865, 907, 955, 1147, 1350—Minn. 42,
148, 321—Mo. 23, 38, 226, 289, 487
—N. J. 601—N. Y. 16, 142, 164, 435
682, 693, 756, 1100, 1232, 1443, 1460,
1593—N. C. 50—Ohio 13, 134, 136,
458, 822, 1066, 1084, 1117, 1242,
1396, 1430, 1443, 1516, 1604—Okla.
138—Ore. 43, 204—Pa. 72, 102, 184,
346, 449, 536, 709, 765, 1107, 1110,
1180, 1303—R. I. 40—Tenn. 192,
259, 262—Tex. 84, 312, 678—Utah
7—Wash. 37, 132, 370—W. Va. 91—
Wis. 68, 104, 125, 157, 449

ALLEN-BRADLEY CO.

136 W. Greenfield Ave.
Milwaukee 4, Wis.
Phone: OR 1-2000
Ala. 64—Ariz. 100—Ark. 28—Cal.
295, 335, 1202—Colo. 211—Conn.
390—Fla. 112, 185, 368—Ga. 270—
Ill. 72, 1136—Ind. 50, 135—Iowa 1,
95—Ky. 110—La. 160, 213—Md.
150—Mass. 35, 492—Mich. 146,
842, 942, 1113—Minn. 308—Mo.
172, 290—Neb. 51—N. J. 107—
N. M. 1—N. Y. 4, 143, 690, 1241,
1444—N. C. 127—Ohio 97, 135, 459,
1118, 1524—Okla. 20, 87—Ore.
190—Pa. 10, 220, 764, 1203, 1280—
Tenn. 72, 204—Tex. 373, 499, 849—
Utah 96—Va. 143—Wash. 281—
W. Va. 35—Wis. 105

ALLEN-BRADLEY CO.

(Electric Components only)
Cal. 583, 1313—Minn. 37—N. Y.
690—Wis. 85

ALLEN COLLET MFG. CO.

17720 Clarann St.
Melvindale, Mich.
Phone: WA 8-8880
(Contact manufacturer direct)

ALLEN GAUGE & TOOL CO.

421 N. Braddock Ave.
Pittsburgh 21, Pa.
(Contact manufacturer direct)

ALLEN INDUSTRIES, ALVA

7 & 13 Jct.
Clinton, Mo.
Phone: TU 5-3331
Ala. 45—Ariz. 37, 178—Ark. 20—
Cal. 1385—Colo. 58—Fla. 123, 162,
175, 184, 272, 334—Ga. 43—Ill. 114,
117, 174, 291, 298, 488, 610, 759,
1103, 1130, 1169—Iowa 10, 103, 157,
171—Kan. 26, 98, 123—Ky. 73—
La. 125, 204, 217—Mich. 1292—
Minn. 129, 167, 203—Miss. 14—
Mo. 95, 106, 221, 262, 476, 480, 488,
549—Neb. 50—N. J. 114—N. C. 19,
135, 227—Okla. 24, 38, 54, 104—
Ore. 68, 151, 157—S. C. 17—Tenn.
93, 157, 263—Tex. 11, 216, 243, 251,
660, 695, 792—Utah 6—Va. 73, 120,
146—Wash. 259, 295—Wis. 66, 383
—Canada Ontario 221

ALLEN MFG. CO.

Hartford 1, Conn.
Phone: CH 2-8511
Cal. 336—Ill. 73

ALLENAIR CORP.

255 E. 2nd St.
Mineola, N. Y.
Phone: PI 7-5450
Cal. 753, 1366—Colo. 95—Conn.
33, 196, 468—Fla. 11, 82, 175, 231—
Ga. 108—Ill. 867—Ind. 174, 489—
Iowa 76—La. 163—Mass. 271, 621
—Mich. 436, 965—Minn. 130—Mo.
245, 545—N. J. 96, 261, 281, 372—
N. Y. 134, 970, 1179, 1208, 1281,
1405—N. C. 23—Ohio 270, 836,
1201, 1691—Okla. 29, 35, 129, 141—

MANUFACTURERS

ALLENNAIR CORP. (cont.)

Pa. 367, 436, 1006, 1023—S. C. 37—
Tenn. 122—Tex. 81, 346, 495—Va.
124—Wash. 269—W. Va. 69, 87—
Wis. 162—Canada, Ontario 380,
467

ALLIED RESEARCH PRODUCTS, INC.

4404-06 E. Monument St.
Baltimore 5, Md.
Phone: PE 2-9070
Conn. 21—Ill. 76—Md. 7—Mich.
147

ALLIED WITAN CO., INC.

12500 Bellaire Rd.
Cleveland 35, Ohio
Phone: WI 1-2800

(Contact manufacturer direct)

ALLING-LANDER CO., INC.

65 Basket St.
Sodus, N. Y.
Phone: 2221
Cal. 938—Conn. 223, 248—N. Y.
384, 1548—Ohio 803, 1292—Pa. 155
—Tex. 197

ALLIS-CHALMERS MFG. CO.

Milwaukee 1, Wis.
Phone: SP 4-3600
Cal. 337A, 1083A, 1155A—Colo.
12A—Conn. 151A, 274A—D. C. 1A
—Fla. 64A, 146A, 337A—Ga. 17—
Ill. 77, 1094A, 1136A—Ind. 23, 136
—Iowa 36, 88—Kan. 69—Ky. 29—
La. 68, 188—Me. 4—Md. 8—Mass.
36—Mich. 148, 902, 1080—Minn. 3,
43—Mo. 41, 292—Neb. 18—N. J.
327—N. M. 5—N. Y. 146, 694,
1216, 1445—N. C. 14—Ohio 3, 137,
462, 1016, 1525, 1696—Okla. 11,
52—Ore. 45—Pa. 11, 450, 766,
1291—Tenn. 6, 88, 114—Tex. 1,
9, 38, 65, 86, 394, 423, 500, 850—
Utah 10—Va. 67—Wash. 39, 309
—W. Va. 13—Wis. 1, 107—
Canada, Alberta 1, 11—B. C. 46
—Manitoba 99—N. B. 126—
Ontario 247, 302—Quebec 507, 616

ALLIS CO., THE LOUIS

427 E. Stewart St.
Milwaukee 1, Wis.
Phone: HU 1-6000
Ala. 11—Ariz. 34—Cal. 338, 1156—
Colo. 13—Conn. 434—D. C. 31—
Fla. 246—Ga. 18—Ill. 78, 1137—
Ind. 137, 504—Iowa 37—Kan. 70—
Ky. 40—La. 69, 191—Md. 117—
Mass. 37—Mich. 149, 903, 1113—
Minn. 128—Mo. 42, 293—Neb. 5,
19—N. J. 108—N. M. 6—N. Y. 147,
695, 696, 1217, 1446—N. C. 15—
Ohio 138, 463, 1526—Okla. 53, 87—
Ore. 46—Pa. 451, 767, 1149, 1292—
Tenn. 69—Tex. 12, 121, 395, 501—
Utah 37—Va. 68—Wash. 40—
W. Va. 58 Wis. 2, 108—Canada
Quebec 485

ALLISON-CAMPBELL DIV. American Chain & Cable Co., Inc.

929 Connecticut Ave.
Bridgeport 2, Conn.
Phone: FO 7-5351
Cal. 339—Conn. 22—Ga. 292—Ill.
595—Ind. 579—Mich. 64—N. Y.
1003, 1231—N. C. 1—Ohio 1668—
Pa. 376, 597

ALLOU ENGINEERING, INC.

15 Elm St.
Waltham 54, Mass.
Phone: TW 3-8175
Conn. 477—Iowa 113—N. C. 25—
Pa. 1244—Va. 157

ALLOY RODS CO.

Lincoln Hwy. W. - P. O. Box 1828
York, Pa.
Phone: 7818
Cal. 149, 156—Ill. 79—Mass. 546—
Mich. 489, 633, 1010, 1134, 1135,

1233, 1338—N. J. 328—Pa. 452, 769

ALMCO, QUEEN PRODUCTS DIV.

King-Seeley Corp.
505 Front St.
Albert Lea, Minn.
Phone: FR 3-3961
Ala. 98—Cal. 262—Colo. 123—Fla.
184, 254—Ga. 55, 188—Ill. 967,
1187—Iowa 52, 174—Kan. 123—
Mass. 197—Minn. 175—Mo. 211,
433—N. Y. 1038—N. C. 6—Ohio
173—Okla. 105—R. I. 19—Tenn.
38—Tex. 31, 685—Utah 104—
Va. 39, 62—Wash. 259, 347—
Wis. 197—Canada, B. C. 78—
Ontario 201, 400—Quebec 583

ALORIS TOOL

419 Getty Ave.
Clifton, N. J.
Phone: BR 3-1201
N. J. 66

ALPHA-MOLYKOTE CORP., THE

65 Harvard Ave.
Stamford, Conn.
Phone: FI 8-3724
Ala. 139—Cal. 534, 1256—Fla. 115
—Ga. 237—Ill. 262—Iowa 80—
Kan. 125—Ky. 121—Mich. 595—
Miss. 31—N. Y. 1284—Ohio 912—
Ore. 195—Pa. 599, 1029—Tex. 676
—Wash. 200—Wis. 220—Canada,
Ontario 323

ALPHA PRESS & MACHINE

9281 Freeland Ave.
Detroit 28, Mich.
Phone: WE 3-8505
Cal. 369—Ill. 783—Mich. 966—
N. Y. 155, 611—Ohio 453, 1353—
Pa. 702

ALSOP ENGINEERING CORP.

1960 Hollis St.
Milledale, Conn.
Phone: MA 8-9661

(Contact manufacturer direct)

ALUMINUM CO. OF AMERICA

1501 Alcoa Bldg.
Pittsburgh 19, Pa.
Phone: AT 1-4545
Ala. 12—Cal. 341, 1157—Colo. 14—
Conn. 23, 152—Del. 3—D. C. 3—
Fla. 147, 338—Ga. 20—Ill. 82, 1085
—Ind. 24, 52, 139, 505—Iowa 39—
Kan. 71—Ky. 30—La. 70—Md. 9—
Mass. 38, 493, 639—Mich. 150, 904,
1091, 1260—Minn. 44—Mo. 43, 297
—Neb. 20—N. J. 329—N. Y. 5, 148,
473, 697, 1218, 1447—Ohio 4, 139,
464, 1017, 1119, 1527, 1697—Okla.
12—Ore. 47—Pa. 12, 453, 771, 1293
—R. I. 22—S. D. 1—Tenn. 7, 116
—Tex. 88, 502—Va. 69—Wash. 41,
310—Wis. 110

ALVEY-FERGUSON CO., THE

3131 Disney St.
Cincinnati 9, Ohio
Phone: RE 1-7000

(Contact manufacturer direct)

ALVORD-POLK TOOL CO.

125 - 195 Gerhart St.
Millersburg, Pa.
Phone: OW 2-2128
Ill. 728—Ind. 240, 558—Mich. 464,
1119—N. Y. 393, 711—Ohio 96, 257,
657, 1050, 1193, 1583—Pa. 934

AMCHEM PRODUCTS, INC.

Ambler, Pa.
Phone: MI 6-1700
(See advertisement p. 46-47)
Ala. 131—Cal. 251, 310, 817, 864,
1586—Conn. 68—Fla. 45—Ga. 306
—Ill. 1027, 1267, 1301—Ind. 449—
Md. 145—Mass. 538—Mich. 151,
229, 820, 982, 1179, 1347—Mo. 234,
279—N. J. 538—N. Y. 389—Ohio
73, 323, 1379, 1458—Pa. 37, 44, 82,
111, 126, 232, 248, 422, 979—Tex.

289, 707—Wis. 263—Canada,
Ontario 454

AMERICAN AIR COMPRESSOR CORP.

Dell Ave. & 48th St.
North Bergen, N. J.
Phone: UN 5-4848

(Contact manufacturer direct)

AMERICAN BECHLER CORP.

28 Harbor St.
Stamford, Conn.
Phone: DA 5-3894
Cal. 708, 1453—Colo. 80—Conn.
247—Ill. 1271—Minn. 172—N. Y.
1037, 1356—Pa. 206

AMERICAN BRASS CO., THE

414 Meadow St.
Waterbury 20, Conn.
Phone: PL 4-1121
Cal. 985, 1158—Colo. 15—Conn. 1,
407—D. C. 4—Ga. 21—Ill. 83—
Iowa 11—Mass. 246—Mich. 152—
Minn. 45—Mo. 44, 298—N. J. 109—
N. Y. 150, 688, 1219, 1449—N. C. 17
—Ohio 140, 465, 1018—Pa. 455, 772
—R. I. 23—Tex. 89, 503—Wash.
42—Wis. 58, 111

AMERICAN CAM CO., INC.

95 Granby St.
Bloomfield, Conn.
Phone: CH 2-5511
Cal. 228—Conn. 14—Ga. 157—Ill.
804—Ind. 130—Md. 90—Mass. 385
—Minn. 119—Mo. 609—N. Y. 443,
501—Ohio 902—Pa. 234—Tex. 454
—Wis. 353

AMERICAN CHAIN & CABLE CO., INC.

Wright Hoist Div.
735 Hay St.
York, Pa.
Cal. 811, 1395—Colo. 210—Ga. 275
—Ill. 812—Pa. 753, 1138—Tex. 776

AMERICAN COLDSET CORP.

U. S. Hwy. 46
Teterboro, N. J.
Phone: AT 8-3365

(Contact manufacturer direct)

AMERICAN CRUCIBLE PRODUCTS CO., THE

1305 Oberlin Ave.
Lorain, Ohio
Phone: CH 5-6826

(Contact manufacturer direct)

AMERICAN CUTTER & ENGINEERING CORP.

31430 Mound Rd.
Warren, Mich.
Phone: CO 4-2501
Cal. 1399, 1579—Conn. 477—Ill.
464—Ind. 407, 557—Mich. 25, 89,
1237—Mo. 549—N. J. 490—N. Y.
327—Ohio 1549—Pa. 637, 822—
Wis. 233

AMERICAN CYSTOSCOPE MAKERS, INC.

8 Pelham Parkway
Pelham Manor, N. Y.
Phone: PE 8-4800

(Contact manufacturer direct)

AMERICAN DIAMOND TOOL & GAUGE CO.

7525 Fenkell Ave.
Detroit 38, Mich.
Phone: UN 2-6794

(Contact manufacturer direct)

AMERICAN DRILL BUSHING CO.

5107 Pacific Blvd.
Los Angeles 58, Calif.
Phone: LU 3-6551
(See advertisement p. 17)
Ala. 3, 36, 111, 195—Ariz. 37, 178
—Cal. 19, 183, 276, 297, 442, 606,

616, 861, 876, 953, 1026, 1056, 1116,
1407, 1469, 1472, 1533—Colo. 58—
Conn. 256 467—D. C. 24—Fla. 18,
68, 107, 135, 158, 175, 184, 189, 252,
253, 276, 280, 313, 344, 395—Ga.
140, 233, 247, 281 352—Idaho 19—
Ill. 168—Ind. 31, 131, 526—Iowa 5,
25, 27, 113, 180—Kan. 2, 94—Ky.
12—La. 98, 100, 101, 151, 164, 171,
207—Md. 51—Mass. 126—Mich.
420—Minn. 176—Mo. 97, 302—
Neb. 44—N. J. 30, 147, 158, 317,
346, 427, 522—N. M. 15, 33—N. Y.
66, 139, 435, 443, 1052, 1330, 1540,
1609, 1614, 1643—N. C. 113, 141,
254—Ohio 13, 265, 739, 810, 1197,
1396, 1604, 1728—Okla. 24, 120—
Ore. 9, 76, 78—Pa. 163, 188, 242,
347, 399, 728, 1071—S. C. 26, 66—
Tenn. 73, 85, 200, 227—Tex. 308,
326, 329, 330, 345, 348, 352, 446,
470, 487, 555, 614, 660, 700, 766, 831
—Utah 72—Va. 59, 63, 146—Wash.
47, 253—W. Va. 36—Wis. 319—
Canada, Ontario 424—Quebec 554

AMERICAN EDELSTAAL, INC.

350 Broadway
New York 13, N. Y.
Phone: WO 6-1140

(Contact manufacturer direct)

AMERICAN ELECTRONICS, INC. Industrial Machinery Div.

90 Broadway
Norwood, Mass.
Phone: NO 7-2639

(Contact manufacturer direct)

AMERICAN EMERY WHEEL WORKS

Richmond Square - P. O.
Drawer 1475
Providence 1, R. I.
Phone: PL 1-2260-1

(Contact manufacturer direct)

AMERICAN FELT CO.

8 Glenville Rd.
Glenville, Conn.
Phone: JE 1-8700
Cal. 384, 1183—Ga. 79—Ill. 84—
Mass. 39—Mich. 153—Mo. 422—
N. Y. 699, 1220—Ohio 466—Ore. 59
—Pa. 456—S. C. 38—Tex. 246—
Wash. 58

AMERICAN GAS FURNACE CO.

Spring & Lafayette Sts.
Elizabeth 6, N. J.
Phone: EL 2-2120
Cal. 819, 914—Conn. 201—Ill. 1127,
1185—N. J. 38, 595, 607—N. Y.
1156, 1357—Ohio 555, 1098

AMERICAN HELLER CORP.

20780 Mack Ave.
Detroit 36, Mich.
Phone: TU 1-5400
Cal. 846—Pa. 132—Tex. 766

AMERICAN INSTRUMENT CO., INC.

8030 Georgia Ave.
Silver Spring, Md.
Phone: JU 9-1727
Cal. 342, 1159—Ga. 107—Ill. 86—
Md. 190—Mass. 22—Mich. 1282—
Mo. 299—N. J. 36—N. Y. 701, 1221
—Ohio 467—Pa. 774—Tex. 327,
723

AMERICAN LAUBSCHER CORP.

250 W. 57th St., Flak Bldg.
New York 19, N. Y.
Phone: JU 6-7474

(Contact manufacturer direct)

AMERICAN MACHINE PRODUCTS CO., INC.

172 Centre St.
New York 13, N. Y.
Phone: CA 6-1981
Fla. 203—Kan. 111—Me. 28—Md.
189—Mich. 1124—Mo. 106, 620—
N. J. 371, 470—N. Y. 131, 737, 755,

MANUFACTURERS

907, 970, 1052—Pa. 124, 616—R. I.
44—Tenn. 246—Tex. 904

AMERICAN METASEAL OF DETROIT

18666 Fitzpatrick St.
Detroit 28, Mich.
Phone: VE 8-5941
Mich. 154—N. J. 609

AMERICAN OPTICAL CO. Safety Products Div.

Mechanic St.
Southbridge, Mass.
Phone: PO 4-3211
Cal. 254, 1160—Colo. 16—Ga. 22—
Ill. 907—Mass. 484—Mich. 155—
Mo. 301—Ohio 468—Pa. 457—Tex.
90, 504—Va. 70—Wash. 43—
Canada, Ontario 283

AMERICAN PULLEY CO., THE

4200 Wissahickon Ave.
Philadelphia 29, Pa.
Phone: BA 5-4400
Cal. 883—Ill. 87—N. Y. 705—Tex.
91

AMERICAN PULLMAX CO., INC.

2455 N. Sheffield Ave.
Chicago 14, Ill.
Phone: DI 8-5727
(Contact manufacturer direct)

AMERICAN RECTIFIER CORP.

95 Lafayette St.
New York 13, N. Y.
Phone: WO 6-3350
(Contact manufacturer direct)

AMERICAN ROLLER DIE CORP.

29501 Clayton Ave.
Wickliffe, Ohio
Phone: WH 3-4100
Cal. 104, 513—Ill. 783—Mich. 516—
Mo. 96—N. Y. 1073—Ohio 1163,
1603—Pa. 926, 1146—Wis. 386—
Canada Ontario 135—Quebec 540

AMERICAN SAW & MFG. CO.

67 Boylston St.
Springfield 1, Mass.
Phone: RE 2-1112
(Contact manufacturer direct)

AMERICAN SCHIESS CORP.

1232 Penn Ave.
Pittsburgh 22, Pa.
Phone: AT 1-0708
Ala. 129, 193—Ariz. 111—Cal. 723,
1517—Conn. 165—Ill. 304—Mass.
333—Mich. 346—Mo. 603—N. J.
104—N. Y. 200, 1574—Ohio 621—
Pa. 54, 973—Tex. 216, 616

AMERICAN SCREW CO.

Willimantic, Conn.
Phone: HA 3-6331
Cal. 539, 1391—Colo. 177—Conn.
237—Ga. 85—Ill. 88, 428, 1253—
Mass. 455—Mich. 66, 156, 928,
1045—Minn. 253—Mo. 121—N. J.
306—N. Y. 81, 404, 563—Ohio 1264
—Pa. 1232—Wash. 90

AMERICAN SEALANTS CO.

103 Woodbine St.
Hartford 6, Conn.
Phone: JA 2-1188-9
Ala. 103, 173—Ariz. 68—Ark. 14—
Cal. 74, 120, 181, 245, 299, 407, 449,
609, 703, 823, 836, 887, 953, 1050,
1085, 1113, 1534, 1775—Colo. 12—
Conn. 43, 210, 313, 403, 426—Del. 5
—D. C. 81—Fla. 81, 192, 275, 292—
Ga. 95, 277—Hawaii 11—Idaho 15,
29, 31—Ill. 143, 627, 845, 931, 958,
1032, 1102, 1114, 1143, 1196, 1248,
1283, 1286—Ind. 15, 25, 54, 108,
121, 148, 251, 472, 507, 551, 561—
Iowa 23, 62, 109—Kan. 15, 73—
Ky. 53, 135—La. 12, 23, 39, 99, 189
—Me. 3, 12—Md. 16—Mass. 161,
624, 684, 689—Mich. 23, 45, 277,
528, 983, 1123, 1130, 1195, 1326—

Minn. 14, 27, 182, 311, 313—Mo.
47, 519—Mont. 3, 37—Neb. 44—
N. J. 40, 274, 417, 433—N. M. 15,
31—N. Y. 34, 69, 152, 345, 448,
548, 682, 1081, 1138, 1143, 1205,
1370, 1373, 1561, 1611, 1662—N. C.
46, 75, 162—N. D. 11—Ohio 6, 85,
156, 487, 488, 690, 1022, 1126, 1317,
1354, 1386, 1400, 1413, 1533, 1576,
1699, 1737—Okla. 22, 51—Ore. 68,
130—Pa. 102, 179, 321, 471, 792,
1295—R. I. 72—S. C. 6, 41—S. D.
13—Tenn. 15, 63, 77, 211, 229—
Tex. 2, 13, 34, 40, 103, 112, 509,
793, 794, 815, 820, 853, 884, 904—
Utah 15, 20—Va. 5, 42, 87—Wash.
36, 49, 285, 313—W. Va. 16, 54, 73,
79—Wis. 15, 56, 79, 123, 433, 462

AMERICAN SIP CORP.

100 E. 42nd St.
New York 17, N. Y.
Phone: OX 7-0865
Ala. 85—Ariz. 93—Cal. 59, 532,
1106, 1410—Colo. 142—Conn. 476—
D. C. 25—Fla. 43—Ga. 188—Ill.
483, 1225—Ind. 201, 463—Mass. 143
—Mich. 833—Minn. 284—Mo. 227,
569—N. M. 40—N. Y. 321, 1036,
1549—Ohio 327, 786—Okla. 165—
Pa. 752, 992—Tenn. 38—Tex. 285,
711—Utah 46—Va. 39—Wash. 259
Wis. 288—Canada B. C. 78—
Quebec 583—Ontario 400, 469

AMERICAN SMELTING AND REFINING CO.

120 Broadway
New York 5, N. Y.
Phone: RE 2-9500
Ala. 84—Ill. 3—Md. 69—Mass. 174
—Mich. 330—Minn. 2—N. Y. 891,
1262—Ohio 297, 744—Pa. 696—
Wis. 229

AMERICAN STEEL & WIRE DIV.

United States Steel Corp.
Rockefeller Bldg., 614 Superior
Ave., NW.
Cleveland 13, Ohio
Phone: TO 1-2000
(Contact manufacturer direct)

AMERICAN TOOL WORKS CO.

Pearl & Eggleston Aves.
Cincinnati 2, Ohio
Phone: PA 1-2800
Ala. 158—Cal. 615, 1517—Conn.
314—Fla. 401—Ga. 90—Ill. 290—
Ind. 338—La. 100—Md. 185—Mass.
121—Mich. 1391—Minn. 327—Mo.
191, 508—Mont. 24—N. M. 29—
N. Y. 346, 431, 1106, 1371—N. C.
122, 180, 194—Ohio 387, 786, 942,
1088, 1275, 1617—Okla. 142—Ore.
157—Pa. 209, 739, 992—S. C. 39—
Tenn. 75, 228—Tex. 73, 216, 415,
616, 870—Utah 88—Va. 120—Va.
120—Wash. 218—Wis. 201—
Canada 25, 78, 168, 400, 469, 583

AMERICAN TWIST DRILL Subsidiary of Brown & Sharpe Cutting Tool Div.

14301 W. Chicago Blvd.
Detroit 28, Mich.
Phone: WE 3-2800
(Contact manufacturer direct)

AMERICAN WALDRICH MFG. CORP.

1232 Penn Ave.
Pittsburgh 22, Pa.
Phone: AT 1-8464
Ala. 129, 193—Ariz. 111—Cal. 723,
1517—Conn. 165—Ill. 304—Mass.
333—Mich. 346—Mo. 603—N. J.
104—N. Y. 200, 1574—Ohio 621—
Pa. 54, 973—Tex. 216, 616

AMES CO., B. C.

131 Lexington St.
Waltham 54, Mass.
Phone: TW 3-0095
(See advertisement p. 129)
Cal. 340, 793, 1268—Colo. 80—

Conn. 99—D. C. 56—Fla. 289—Ill.
677, 773—Ind. 479—Mass. 227, 558
—Mich. 158, 1007, 1211—Minn.
230—Mo. 45, 296—N. Y. 554, 573,
1666—N. C. 87—Ohio 255, 550,
1622—Okla. 29, 129—Pa. 468, 1135
—Tex. 169, 574—Wash. 125, 253—
Wis. 220—Canada 183

AMES SPOT WELDER CO., INC.

6550 Austin St.
Reno Park 74, N. Y.
Phone: TW 6-6550
(Contact manufacturer direct)

AMPCO METAL, INC.

1777 S. 38th St.
Milwaukee 1, Wis.
Phone: MI 5-3750
Ala. 34—Cal. 75—Colo. 227—
Conn. 133, 501—Ga. 233, 248—Ill.
92, 317, 392, 627, 1200—Ind. 141,
332—Ky. 126—Md. 23, 59—Mass.
113, 265—Mich. 160, 235, 240, 275,
1055—Minn. 95—N. J. 58, 144—
N. Y. 258, 987, 1222, 1328—Ohio
142, 372, 470, 485, 557, 633, 1240—
Pa. 660, 775, 819, 1014, 1206—
Tenn. 262—Tex. 482—Wash. 34—
Wis. 114—Canada 6, 108, 125, 258,
260, 374, 508, 560

AMPLEX DIV. Chrysler Corp.

P. O. Box 2718
Detroit 31, Mich.
(Contact manufacturer direct)

ANCHOR STEEL & CONVEYOR CO.

6906 Kingsley Ave.
Dearborn, Mich.
Phone: TI 6-6000
Cal. 42—Ga. 137—Md. 53—Mo. 186
—N. J. 29—Ohio 837—Pa. 868—
Tex. 856—Wash. 91—Wis. 151

ANDERSON BROS. MFG. CO.

1907 Kishwaukee St.
Rockford, Ill.
Phone: WO 4-4611
(Contact manufacturer direct)

ANDERSON CORP.

1029-1039 Southbridge St.
Worcester, Mass.
Phone: PL 7-4548
Ala. 45, 94, 186—Ark. 23—Cal.
297, 319, 668, 772, 1028, 1040, 1560
—Colo. 106—Conn. 143, 385—
D. C. 24—Fla. 73—Ga. 33, 82, 278
—Idaho 19, 25—Ill. 582, 1168—
Ind. 544—Iowa 142—Ky. 18—La.
125, 170—Me. 25—Mass. 59, 253,
326, 415, 531, 533, 660, 689—Mich.
390, 520—Minn. 228—Mo. 57, 154
—N. J. 10—N. Y. 139, 442, 635,
682, 1086, 1097—N. C. 89—Ohio
1540—Okla. 32, 41, 120—Ore. 100—
Pa. 516—R. I. 42—S. C. 19—Tenn.
11, 102, 192, 226—Tex. 11, 27, 46,
170, 190, 211, 416, 424, 608, 609,
792, 873, 901, 904—Va. 39, 45—
Wash. 109—W. Va. 18—Wis. 415

ANDERSON OIL & CHEMICAL CO., INC.

Portland, Conn.
Phone: DI 7-2555
Ala. 196—Cal. 319, 687, 894—Colo.
195—Ill. 95, 980—Ind. 89, 368, 443
—La. 181—Md. 25—Mich. 164—
Minn. 203—Mo. 586—N. Y. 363,
1428, 1557—N. C. 135—Ohio 320,
703, 1157—Okla. 129—Ore. 123—
Pa. 121, 1115—Tex. 118, 522—
Utah 40—Va. 167—Wash. 218

ANDERSON & SONS, INC.

N. Elm St.
Westfield, Mass.
Phone: LO 2-9671
Cal. 368, 1358—Ky. 10—Mass. 607
—Mich. 752—N. J. 194—N. Y. 71,
399, 405—Ohio 1687—Pa. 781

ANDREWS, TOOL & MACHINERY CO., EDWARD

400-80 W. 9 Mile Rd.
Hazel Park, Mich.
(See advertisement p. 525)

ANN ARBOR BEARING & MFG.

815 Wildt-P. O. Box 355
Ann Arbor, Mich.
Phone: NO 3-0643
(Contact manufacturer direct)

ANNIS CO., R. B.

1101 N. Delaware St.
Indianapolis 2, Ind.
Phone: ME 5-2838
Ill. 530—Mich. 63, 351—N. Y. 264,
686—Ohio 962—Va. 20

ANOCUT ENGINEERING CO.

631 W. Washington Blvd.
Chicago 6, Ill.
Phone: ST 2-5480
Cal. 863—Conn. 10—Ill. 1238—
Mich. 1343—N. J. 483—N. Y. 672—
Ohio 177, 1452

ANTARES INSTRUMENTS, INC.

Subsidiary of Alvin Fr. Wilkens
55-02 37th Ave.
Woodside 77, N. Y.
Phone: IL 7-4400
(Contact manufacturer direct)

APEX BROACH CO., INC.

6401 E. 7 Mile Rd.
Detroit 34, Mich.
Phone: TW 1-8600
Cal. 1241—Colo. 48—Conn. 239—
Fla. 321—Ill. 700, 1214—Ind. 502—
Mass. 309—Mich. 696, 851, 1035—
N. J. 117—N. Y. 151—Ohio 914,
1622—Okla. 120—Pa. 1239, 1245—
Tenn. 200—Tex. 700—Utah 62—
Wash. 234—W. Va. 18—Wis. 402—
Canada 430

APEX TOOL & CUTTER CO.

235 Canal St.
Shelton, Conn.
Phone: RE 4-5244
Cal. 826—Ill. 1176, 1303—Mich.
1058—Ohio 355, 1328—Pa. 186, 981,
1287—Va. 40

ARCAIR CO., THE

P. O. Box 431
Lancaster, Ohio
Phone: OL 3-5618
(Contact manufacturer direct)

ARCOS CORP.

1500 S. 50th St.
Philadelphia 43, Pa.
Phone: SA 7-1500
Ala. 146, 189—Ariz. 32—Cal. 43,
180, 1268, 1571—Colo. 198—Fla.
119, 219, 385—Ga. 205, 248—Ill.
98—Iowa 132—Ky. 131—La. 132—
Mass. 404—Mich. 761—Minn. 338
—Mo. 127, 359—Mont. 27—N. M.
23—N. Y. 319, 1385—Ohio 437, 985,
1103, 1655—Okla. 41, 173—Ore.
109—Pa. 1130—Tenn. 66, 119—
Tex. 58, 530—Utah 109

ARIZONA TOOL & DIE CO.

31 E. Rillito St.
Tucson, Ariz.
Phone: MA 3-8842
Cal. 49, 730, 1241—Ill. 400—Mass.
24—Minn. 124, 296

ARMCO STEEL CORP.

703 Curtis St.
Middletown, Ohio
Phone: GA 2-2711
(Contact manufacturer direct)

ARMITE LABORATORIES

6609 Broad St.
Los Angeles 1, Calif.
Phone: LU 7-7768
Ala. 185—Ariz. 45, 98—Ark. 21—
Cal. 198, 878, 951, 1084, 1147, 1270,
1280, 1315, 1387, 1424, 1541—Colo.

MANUFACTURERS

ARMITE LABORATORIES (cont.)

19, 36, 72—Conn. 378, 442—D. C. 87—Fla. 130, 300—Ga. 152, 352—Idaho 3, 19, 26—Ill. 203, 232, 237, 637, 906, 997, 1093, 1122—Ind. 127, 147, 191—Iowa 143—Ky. 84—La. 16, 19, 22, 100, 212—Md. 91—Mass. 170, 345—Mich. 80—Minn. 223—Mo. 195, 198, 341—Mont. 2—Neb. 50—Nev. 3—N. M. 35—N. Y. 265, 347, 529, 836—N. C. 185, 226—Ohio 19, 426, 430, 677, 769, 1622—Okla. 129, 149—Ore. 11, 53, 127—Pa. 164, 196, 472, 1084—Tenn. 47, 65, 73, 92, 104, 128—Tex. 67, 284, 410, 420, 576, 597, 822, 827—Utah 3, 48, 57—Va. 15, 59, 62, 130, 155—Wash. 48, 168, 253, 311, 354—Wis. 284—Wyo. 3—Canada 20, 29, 32, 34, 47, 67, 85, 270, 510

ARMOUR ALLIANCE INDUSTRIES

16123 Armour St., NE.
Alliance, Ohio
Phone: TA 1-3510
Cal. 700—Ill. 101—Mich. 1061—N. J. 126—Ohio 41

ARMSTRONG-BLUM MFG. CO.

5700 W. Bloomingdale Ave.
Chicago 39, Ill.
Phone: ME 7-4000

(Contact manufacturer direct)

ARMSTRONG-BRAY & CO.

5366 NW. Hwy.
Chicago 30, Ill.
Phone: RO 3-6500
Cal. 592, 1385—Colo. 160—Conn. 381—Ohio 1573—Tex. 309—Wash. 290

ARMSTRONG BROS. TOOL CO.

5258 W. Armstrong Ave.
Chicago 46, Ill.
Phone: RO 3-3333
Cal. 1162—N. Y. 712

ARMSTRONG CORK CO.

W. Liberty St.
Lancaster, Pa.
Phone: EX 7-0611
Cal. 346—Ill. 102—Mass. 405—Mich. 167—Mo. 303—N. Y. 713—Ohio 144, 473—Pa. 459—S. C. 35

ARMSTRONG PRODUCTS CO.

P. O. Box 1—TE
Warsaw, Ind.
Phone: AM 7-3226
Cal. 552, 974—Colo. 94—Wash. 142

ARO EQUIPMENT CORP., THE

Bryan, Ohio
Ala. 82—Cal. 347, 1445—Conn. 172—D. C. 80—Ga. 34—Ill. 103—Ind. 143—Iowa 116—Md. 83—Mass. 609—Mich. 168, 812, 1021—Minn. 36—Mo. 26, 304—N. J. 127—N. Y. 664, 1433, 1601, 1656—N. C. 200—Ohio 145, 474—Okla. 117—Ore. 175—Pa. 35, 605—Tenn. 214—Tex. 337—Va. 147—Wash. 292—Wis. 116—Canada 252

ARONSON MACHINE CO.

W. Main St.
Arcade, N. Y.
Phone: AR 276
Ala. 110—Ariz. 40—Cal. 157, 204, 1086—D. C. 38—Hawaii 11—Ill. 98, 209—Ind. 348, 399—Iowa 132—Kan. 68—La. 115—Md. 50—Mass. 404—Mich. 783, 1222—Minn. 335—Mo. 218, 428—N. Y. 1165—Ohio 247, 659—Okla. 41, 163—Ore. 108—Pa. 458, 845, 1279—Tenn. 104—Tex. 374, 530—Va. 72—Wis. 74, 100, 130, 277—Canada 107, 606

ARROW GEAR CO.

7826 W. 47th St.
Lyons, Ill.
Phone: HI 7-1755
Mass. 377—Mich. 448—Mo. 135—

N. Y. 308, 661—Ohio 993—Pa. 153—Tex. 179

ARROW MACHINISTS

154 E. 3 St.
Mt. Vernon, N. Y.
Phone: OW 9-4000

(Contact manufacturer direct)

ARROW TOOL & REAMER CO.

711 Stephenson Hwy.
Troy, Mich.
Phone: JU 8-2400
Ariz. 84—Cal. 442, 446, 1094, 1129, 1479—Fla. 326—Ill. 1115, 1205—Ind. 441—Mass. 672—Mich. 1119—N. Y. 363, 433, 1270—Ohio 326, 739, 1068, 1070, 1121—Pa. 915—R. I. 58—Tex. 348, 514—Wash. 93—Wis. 13, 106

ARROW TOOLS, INC.

1900 S. Kosther Ave.
Chicago 23, Ill.
Phone: CR 7-4116
Ala. 140—Cal. 325, 1421—Conn. 175—Ga. 108—Ill. 104, 1093—Ind. 372, 402, 489—Iowa 38—La. 170—Md. 73—Mass. 85—Mich. 463—Minn. 130—Mo. 179, 494—N. J. 1, 177—N. Y. 348, 882—Ohio 384, 475, 1085, 1272, 1605—Ore. 13—Pa. 443, 852, 1131—Tex. 387, 775—Wash. 257—Wis. 352

ARROWSMITH TOOL & DIE CORP.

9700 Bellanca Ave.
Los Angeles 45, Calif.
Phone: SP 6-0890
(See advertisement p. 31)
Cal. 289

ARTUS CORP., THE

201 S. Dean St.
Englewood, N. J.
Phone: LO 8-0900
(Contact manufacturer direct)

ASHCOMBE CO., THE

1320 W. Market St.
York, Pa.
Phone: 7213
Cal. 573, 1272—Conn. 480—Mich. 401—Mo. 244—Ohio 1079—Pa. 1071, 1242, 1318

ASSOCIATED AMERICAN WINDING MACHINERY, INC.

750 St. Ann's Ave.
Bronx 56, N. Y.
Phone: CY 2-5050
Ill. 105—Mich. 614

ASSOCIATED ENGINEERS, INC.

1 Silver St.
Agawam, Mass.
Phone: RE 4-6431
N. Y. 289—Ohio 187—Wis. 404

ASSOCIATED MACHINE TOOL CORP.

1804 Asbury Rd. - P. O. Box 1826
Erie, Pa.
Phone: TE 3-0631
Cal. 532, 1239—Conn. 193—Ill. 168—Kan. 123—Md. 27—Mich. 614—Ohio 679—Pa. 1047—Tex. 524

ATHOL MACHINE & FOUNDRY CO.

82 South St.
Athol, Mass.
Phone: CH 9-3577
Cal. 546—Conn. 244—Ill. 267—Mass. 93—Minn. 159—N. Y. 709—N. C. 212—Pa. 116—Tex. 757—Wash. 154

ATKINS SAW DIV.

Borg Warner Corp.
402 S. Illinois St.
Indianapolis 25, Ind.
Phone: ME 4-4541
Cal. 348, 1516—Ill. 108—Ind. 144—Ore. 49—Pa. 460—Tenn. 8

ATKOMATIC VALVE CO., INC.

545 W. Abbott St.
Indianapolis 25, Ind.
Phone: ME 8-6545
Cal. 389, 946—Colo. 216—Conn. 296—Fla. 42—Ill. 681—Ky. 109—La. 28—Mass. 473, 526—Mich. 449—Mo. 259—N. Y. 285, 848, 1527—N. C. 91—Ohio 377, 553, 1063, 1262—Ore. 94—Pa. 844, 1223—Tex. 722—Va. 20—Wash. 129, 325—Wis. 191—Canada 64, 326, 493

ATLANTA MACHINE & MFG. CO.

1329 Spring St., NW.
Atlanta 9, Ga.
Phone: TR 2-4367
Ga. 12, 26, 298

ATLANTIC REFINING CO., THE

260 S. Broad St.
Philadelphia 1, Pa.
Phone: PE 5-2345
N. Y. 1451—N. C. 20—Pa. 461, 780, 1150—R. I. 25

ATLANTIC SAW MFG. CO., INC.

157 Brewery St.
New Haven 11, Conn.
Phone: UN 5-0869
Ark. 17—Cal. 674—Conn. 136, 294—Fla. 44, 96, 148—Ga. 150, 363—Ill. 2, 1273—Ind. 49, 80, 368, 562, 576—Ky. 87, 143—Md. 11, 139—Mass. 469, 527, 647—Mich. 33, 42, 139, 878, 1029, 1212, 1369—Mo. 459—N. J. 370—N. Y. 330, 435, 450, 1295, 1509, 1665—Ohio 224, 544, 1065, 1444, 1448, 1545, 1651, 1702, 1733—Ore. 210—Pa. 182, 563, 757, 888, 1325—Tenn. 108, 163, 201—Va. 21, 49, 74, 151, 155—W. Va. 18, 81—Wis. 236, 248

ATLAS CHAIN & MFG. CO.

P. O. Box 708
West Pittston, Pa.
Phone: OL 5-1401
Cal. 825, 1222—Ga. 4, 309, 322, 354—Ill. 318, 361—La. 23, 39, 192, 193, 221—Md. 120—Mich. 67, 136, 519, 588, 875, 1092—Miss. 22—Mo. 141, 189—N. H. 31—N. J. 254—N. Y. 127, 281, 853, 1000, 1620—N. C. 210—Ohio 289, 1034, 1467—Okla. 19—Pa. 92, 482, 581, 1084—S. C. 16—Tenn. 58, 135—Tex. 117, 743, 812, 822, 880—Va. 61—Wash. 97

ATRAUX CO., THE

240 Day St.
Newington 11, Conn.
Phone: MO 6-2451
Ala. 45, 196—Ariz. 45, 116—Cal. 138, 503, 606, 1407—Colo. 48, 131—Conn. 212, 220—D. C. 82—Fla. 184, 350—Ga. 233—Hawaii 2—Ill. 848, 1187, 1226, 1295—Ind. 237—Iowa 50—La. 32, 181, 217—Mass. 13, 210, 620—Mich. 120, 896, 974—Minn. 172—Miss. 36—Mo. 45, 487—N. J. 91, 539—N. M. 17—N. Y. 339, 437, 634, 660, 1285, 1418, 1455, 1607, 1618—N. C. 177—Ohio 255, 951—Ore. 91—Pa. 190, 1033, 1183—R. I. 38—S. C. 66—Tenn. 1, 93, 123—Tex. 353, 415, 700—Utah 79—Wash. 69—Wis. 106—Canada 88, 207, 431, 476, 604

AUBURN MACHINE CO.

307 Chapman St.
Providence 5, R. I.
Phone: VI 1-7827
(Contact manufacturer direct)

AUSTIN INDUSTRIAL CORP.

76 Mamaroneck Ave.
White Plains, N. Y.
Phone: WH 8-0060
(Contact manufacturer direct)

AUTO-PONENTS, INC.

3001 W. Grant St.
Bellwood, Ill.
Phone: LI 4-5505
Ala. 7—Ariz. 7, 8—Cal. 41, 77, 79, 224, 241, 326, 493, 551, 805, 816, 842, 872, 922, 942, 1333, 1375, 1414, 1428, 1506, 1512—Colo. 213—Conn. 33, 106, 196, 354, 356—Fla. 122, 144, 145—Ga. 108—Hawaii 26—Ill. 44, 65, 66, 93, 371, 382, 496, 551, 588, 777, 857—Ind. 85, 372, 491—Iowa 160—Kan. 74—Ky. 129—Md. 13, 73—Mass. 163, 271, 431, 562, 621, 664—Mich. 342, 356, 425, 445, 449, 509, 604, 765, 785, 858, 887, 923, 1158, 1320, 1370—Minn. 39, 109, 184, 322, 345—Miss. 32—Mo. 37, 40, 51, 287, 398, 542—N. H. 17—N. J. 94, 96, 117, 207, 281, 372, 447, 602—N. Y. 50, 90, 134, 265, 290, 348, 357, 943, 970, 1281, 1300, 1314, 1354, 1405, 1487, 1566—N. C. 84, 216—Ohio 35, 232, 349, 805, 828, 1075, 1272, 1380, 1456, 1605, 1691—Okla. 6, 25, 129—Ore. 107, 142—Pa. 133, 134, 436, 442, 443, 575, 596, 635, 1006, 1023—R. I. 17—S. C. 9—Tenn. 387, 495, 578, 775—Utah 11—Va. 138—Wash. 79, 144, 255, 303—W. Va. 69, 87—Wis. 162, 205, 238, 315, 352, 354—Canada 59, 156, 326, 372, 483, 491, 593

AUTOMATIC FEED CO.

Canal Rd.
Napoleon, Ohio
Phone: 6951
Ill. 783—Ind. 68, 178, 235—Mich. 198, 799, 876—Ohio 1601—Pa. 233

AUTOMATIC SWITCH CO.

50-56 Hanover Rd.
Florham Park, N. J.
Phone: FR 7-4600
Ala. 79, 83—Ariz. 53, 96—Cal. 268, 350, 476, 791, 1111, 1124, 1142, 1235, 1283, 1372—Colo. 66, 90—Conn. 52, 158, 195, 301, 378—D. C. 35—Fla. 11, 175, 359—Ga. 105, 214, 355—Ill. 35, 110, 277, 1184—Ind. 33, 122, 167, 177, 456, 531—Iowa 60, 99—Kan. 109—Ky. 55—La. 27, 58, 112, 185—Me. 9, 13—Md. 47, 99, 140, 163—Mass. 6, 112, 450, 507, 611, 690—Mich. 239, 530, 713, 715, 879, 887, 970, 1086, 1137, 1217, 1316—Minn. 160, 162—Mo. 116, 151, 269, 411, 436, 463—Neb. 24, 34—N. H. 17, 19—N. J. 80, 177, 187, 312, 430, 479, 519, 524, 565—N. M. 8, 42—N. Y. 27, 196, 337, 838, 1464—N. C. 75, 110, 218—Ohio 19, 129, 235, 312, 471, 654, 828, 1064, 1227, 1555, 1708—Okla. 34, 102, 139—Ore. 92, 202—Pa. 101, 396, 843, 903, 1269—R. I. 51—Tenn. 36, 90—Tex. 19, 49, 69, 121, 192, 418, 445, 589, 621, 731, 844—Utah 33, 107—Vt. 4—Va. 55, 77—Wash. 256, 263, 313—W. Va. 28—Wis. 3, 133, 192

AUTOMATIC VALVE CO.

37415 Grand River
Farmington, Mich.
Phone: KE 3-3540
Cal. 493, 925—Conn. 33—Ill. 371—Ind. 402—Mich. 1009, 1159—N. H. 27—N. J. 281—N. Y. 348—Ohio 670, 1075—Ore. 142—Pa. 575, 844—Canada 453

AUTOMATION DEVICES, INC.

3125 Brandes St.
Erie, Pa.
Phone: GL 6-5381
Ala. 127—Ark. 12—Cal. 846, 1301—Colo. 80—Conn. 5—Ill. 523—Iowa 98—Mass. 582—Mich. 746—Minn. 208—Mo. 488—N. Y. 10, 374, 515, 1499—N. C. 213—Ohio 1343, 1495, 1553—Pa. 359, 1240—Tenn. 222—Tex. 432—Wis. 460—Canada 208

MANUFACTURERS

AUTOMATION INDUSTRIES, INC.

Ultrasonic Div.
401 E. Green St.
Pasadena, Calif.
Phone: SY 3-8169
Cal. 1078, 1546—D. C. 56—Ga. 132
—Kan. 97—La. 197—N. J. 517—
Tex. 779—Wash. 243

AUTOMOTIVE GEAR WORKS

15 S. 8th St.
Richmond, Ind.
(Contact manufacturer direct)

AVCO RESEARCH & DEVELOPMENT DIV.

201 Lowell St.
Wilmington, Mass.
Phone: OL 8-8911
(Contact manufacturer direct)

AVEY DIV. THE MOTCH & MERRYWEATHER MACHINERY CO.

25 E. 3rd St.
Covington, Ky.
Phone: HE 1-2966
Ala. 85—Ariz. 93—Cal. 764, 1255—
Colo. 80—Conn. 476—Fla. 43—Ga.
90—Ill. 483—Ind. 389—La. 201—
Mass. 143—Mich. 833—Minn. 231
—Mo. 191, 506—N. Y. 321, 1036,
1549—N. C. 87—Ohio 327, 786—
Okla. 142—Ore. 96—Pa. 702, 992—
Tenn. 75, 228—Tex. 116, 754—
Wash. 132, 327—Wis. 288—Canada
78, 400, 469, 583

— B —

B & E MFG. CO., INC.

Oak Grove, Mo.
Phone: 44
(Contact manufacturer direct)

B-M-S CARBIDE SPECIALTIES, INC.

N. Main St. - P. O. Box 208
Boonton, N. J.
Phone: DE 4-0071
(Contact manufacturer direct)

B.M.T. MFG. CO.

110 E. 9th St.
Elmhurst Heights, N. Y.
Phone: RE 4-6201
Cal. 144—Fla. 369—Ill. 909—Mass.
376—Pa. 342—Tenn. 314—Canada
201

B.S.A. TOOLS, LTD.

228 Norseman St.
Toronto, Ontario 18, Can.
Phone: BE 3-1209
(Contact manufacturer direct)

B & W PRECISION PRODUCTS CO.

P. O. Box 3865
Detroit 5, Mich.
Phone: JE 6-8240
Ariz. 37—Cal. 431, 894—Conn. 3—
Fla. 135—Ill. 718, 1173—Ind. 209,
558—Md. 180—Mass. 17—Mich.
304, 1232, 1324—Mo. 329—N. J. 42
—N. Y. 418, 456, 824, 1583—Ohio
171, 901, 936, 943—Pa. 253, 568—
Tex. 454, 652—Va. 73—Wash. 164

BABCOCK & WILCOX CO. Tubular Products Div.

Beaver Falls, Pa.
Phone: TI 6-0100
Cal. 352, 1166—Colo. 20—Ga. 29—
Ill. 743—Mass. 42—Mich. 175—
Mo. 307—N. Y. 723, 1452—Ohio
149, 477—Okla. 58—Pa. 84, 464—
Tex. 508—Wis. 120

BACHMANN CO., ERIC R.

27-11 41st Ave.
Long Island City 1, N. Y.
Phone: EX 2-1555
Ala. 127—Cal. 525—Ill. 500—Mass.
540—Ohio 447

BAGSHAW CO., INC., W. H.

Pine St.
Nashua, N. H.
Phone: TU 3-7758
Cal. 734—Mich. 116—N. H. 23

BAIRD MACHINE CO., THE

1700 Stratford Ave.
Stratford, Conn.
Phone: ED 7-3361
(See advertisement p. 304)
Ala. 94, 190—Ariz. 52—Cal. 532,
1255—Colo. 142—Fla. 158, 221, 344
—Ill. 541—Ind. 326—Kan. 85—La.
100—Mass. 525—Mich. 532, 988—
Minn. 195—Mo. 95, 508—N. J. 179
—N. M. 34—N. Y. 301, 673, 1039,
1536, 1554—N. C. 6, 132, 185—
Ohio 387, 764, 1088, 1275—Okla.
24, 99, 142—Ore. 179—Pa. 702, 980
—S. C. 26—Tenn. 37, 248—Tex.
208, 601—Va. 62, 130, 155—Wash.
259, 347—Wis. 317—Canada 25, 78,
168, 400, 469, 583, 610

BAJ TOOL CO., THE

19751 St. Clair Ave.
Cleveland 19, Ohio
Phone: KE 1-3820
Ala. 169—Cal. 49, 133, 616, 827,
1128, 1152, 1241, 1588—Colo. 131—
Conn. 335—Ga. 200, 340—Ill. 149,
206, 495, 504—Ind. 114—Iowa 103
—Mass. 17, 281, 358—Mich. 20,
1092, 1216—Minn. 67, 256, 327—
Mo. 586, 630—N. J. 392, 409, 469—
N. M. 33, 39—N. Y. 106, 124, 272,
604, 1162, 1266—Pa. 166, 182, 447,
757—S. C. 66—Tenn. 263—Tex.
252—Wis. 371

BAKELITE CO.

Div. of Union Carbide Corp.
420 Lexington Ave.
New York 17, N. Y.
(Contact manufacturer direct)

BAKER INDUSTRIAL TRUCKS Div. of Otis Elevator Co.

8000 Baker Ave., NW
Cleveland 2, Ohio
Phone: OL 1-3000
Ala. 39—Ariz. 113—Cal. 177, 521,
1232—Conn. 418—Fla. 95, 367—
Ga. 230—Ill. 111, 1039, 1120—Ind.
53, 392—Iowa 103—Kan. 25—Ky.
36—La. 50—Mass. 412—Mich. 176,
1214, 1321—Minn. 9, 125—Mo. 496
—Neb. 25—N. Y. 13, 174, 727—
N. C. 22—Ohio 311, 626, 1062, 1394
—Ore. 51—Pa. 193, 281, 967, 1168,
1259—S. C. 36—Tenn. 40, 76, 158,
221—Tex. 96, 656—Wash. 80—
W. Va. 53—Wis. 122—Canada 445

BALCRANK, INC.

Machine Tool Div.
Disney St.
Cincinnati 9, Ohio
Phone: RE 1-7200
(Contact manufacturer direct)

BALD EAGLE CORP.

356 Cedar St.
St. Paul 1, Minn.
Phone: CA 2-7275
Ariz. 37—Cal. 99, 616, 692, 730—
Colo. 120—Fla. 22, 184—Ill. 400,
505, 1037, 1276—Ind. 114—Ky. 140
—La. 171—Mass. 400—Mich. 169,
838, 976—Minn. 153, 198—Mo. 372
—N. J. 534—Ohio 1184, 1373—
Okla. 154—R. I. 3—Tenn. 207—
Utah 104—Wis. 371

BALDOR ELECTRIC CO.

4351-67 Duncan Ave.
St. Louis 10, Mo.
Phone: OL 2-1700

Ala. 132—Cal. 382, 898—Colo. 172
—Conn. 223—Ill. 1247—Ind. 76—
Mich. 244—Minn. 82—Mo. 253,
261, 272—Neb. 11—N. Y. 1395,
1453—Ohio 481, 1292—Pa. 155—
Tenn. 31—Wash. 204—Wis. 242—
Canada 91

BALDWIN-LIMA-HAMILTON CORP.

Philadelphia National Bank Bldg.
Philadelphia 7, Pa.
Phone: LO 4-0720
Cal. 355, 1170—D. C. 7—Ill. 112—
Mo. 308—N. Y. 726, 1406—Pa. 466,
787—Tex. 99

BALLOFFET-VIANNEY WIRE DIE CO., INC.

6825 Adams St.
Guttenberg, N. J.
Phone: UN 9-7369
(Contact manufacturer direct)

BANNER WELDER, INC.

6820 N. 43rd St.
Milwaukee 9, Wis.
Phone: FL 2-2100
(Contact manufacturer direct)

BARBER-COLMAN CO. (Cutters & Reamers)

1300 Rock St.
Rockford, Ill.
Phone: WO 8-6833
Cal. 1407—Ind. 66—Mass. 309—
N. Y. 447, 1388—Ohio 884, 1256,
1657—Pa. 903—R. I. 8

BARBER-COLMAN CO. (Hobbing Machines & Cutting Tools)

(See advertisement p. 10-11)
Ariz. 102—Cal. 356, 1453—D. C.
82—Ill. 1031, 1138, 1215—Ind. 146
—Mass. 285—Mich. 180, 1105, 1143
—Minn. 243—Mo. 546—N. J. 12—
N. Y. 417—N. C. 19—Ohio 151, 483
—Okla. 104—Pa. 468, 1135—Tex.
31, 685—Wis. 124—Canada 80, 116,
401, 470, 584

BARBER-COLEMAN CO. (Lathes)

Ariz. 102—Cal. 356, 1453—Conn.
126—D. C. 82—Ill. 405—Ind. 146
—Mich. 171—Minn. 243—Mo. 96, 546
—N. J. 12—N. Y. 1213, 1538—N. C.
19—Ohio 151, 687—Okla. 104—
Pa. 468, 1135—R. I. 56—Tex. 203,
711—Wis. 124—Canada 401, 584

BARCO CHEMICAL PRODUCTS CO.

701-703 S. La Salle St.
Chicago 26, Ill.
Phone: HA 7-2916
(Contact manufacturer direct)

BARDEN CORP., THE

200 Park Ave.
Danbury, Conn.
Phone: PI 3-9201
Cal. 357—Colo. 193—Conn. 82—
Mo. 238—Pa. 634—Tex. 351

BARDONS & OLIVER, INC.

1133 W. 9th St.
Cleveland 13, Ohio
Phone: MA 1-0195
Ala. 92—Cal. 764, 1330—Colo. 100
—Conn. 507—D. C. 16—Fla. 344
—Ga. 61—Ind. 501—La. 100—Md.
27—Mich. 1222, 1256—Minn. 243—
Mo. 96, 508—N. Y. 1356, 1538—
Ohio 1220—Ore. 179—Pa. 34, 729
—Tex. 116, 732—Va. 63—Wash.
259—Wis. 398—Canada 304, 510

BARER ENGINEERING & MACHINERY CO., LTD.

Champlain, N. Y.
Phone: AX 8-3811
Cal. 1547—Conn. 42—Fla. 33—Ill.

583, 1296—Kan. 26—Me. 18—
Mass. 199, 686—Minn. 243, 275—
N. J. 219, 360—N. Y. 120, 141, 550,
1163, 1333—N. C. 19—Ohio 12,
1013—Pa. 980

BARKER ENGINEERING CO. Div. of The F. Hohlfelder Co.

26470 Lakeland Blvd.
Cleveland 32, Ohio
Phone: RE 1-7400
Cal. 383, 453—Conn. 256, 467—
Ill. 168, 1002—Ind. 80—Kan. 84—
Mass. 421—Mich. 211, 394, 1234—
Minn. 203, 284—Mo. 57, 302—N. Y.
153, 745—Ohio 314, 679—Pa. 208,
641—Tex. 243—Wis. 398

BARKSDALE VALVES Control Valve Div. & Pressure Switch Div.

5125 Alcoa Ave.
Los Angeles 58, Calif.
Ala. 48—Ariz. 31—Cal. 360, 1086,
1171—Colo. 97, 154—Conn. 502—
D. C. 78—Fla. 175—Ga. 187—Ill.
121, 1159—Ind. 293—Iowa 64—
Kan. 82, 117—Ky. 45—La. 170—
Md. 73—Mass. 417—Mich. 622—
Minn. 130—Mo. 230, 489, 626—
Neb. 47—N. J. 323—N. Y. 357, 526,
1359, 1566—N. C. 26—Ohio 346,
819, 938, 1198, 1249, 1692—Okla.
68, 170—Ore. 189—Pa. 1, 798—
Tenn. 142—Tex. 633, 825—Wash.
23, 255, 332—Wis. 226

BARNES CO., W. F. & JOHN

301 S. Water St.
Rockford, Ill.
Phone: WO 4-5631
Mich. 472—Tex. 203, 766

BARNES CO., INC., W. O.

1297 Terminal
Detroit 14, Mich.
Phone: VA 2-3422
(Contact manufacturer direct)

BARNES CORP., JOHN S.

301 S. Water St.
Rockford, Ill.
Phone: WO 4-5631
Ala. 48—Cal. 457, 1333—Colo. 95—
Conn. 436—Ill. 890—Mich. 184—
Minn. 274—N. J. 556—Ohio 38,
370, 866—Tex. 387, 775—Canada
92, 130, 240, 411, 613

BARNES DRILL CO.

870 Chestnut St.
Rockford, Ill.
Phone: WO 4-8661
Ala. 158—Ariz. 84—Cal. 235, 723,
1315, 1453—Conn. 314—D. C. 38—
Ga. 221—Ill. 290—Ind. 338—Kan.
123—La. 100—Mass. 18, 614—
Mich. 182, 1006—Mo. 191, 508—
N. J. 504—N. M. 39—N. Y. 170,
556, 1039, 1106, 1239—Ohio 387,
491, 904, 1088, 1275, 1617—Okla.
174—Ore. 82—Pa. 1083—Tex. 249,
678—Utah 88—Wash. 132, 327—
Wis. 201, 471—Canada 78, 168, 400,
469, 583

BARRETT CO., THE LEON J.

1490 Grafton Rd.
Worcester 1, Mass.
Phone: PL 5-4306
Cal. 532, 1255—Ill. 94—Mass. 641—
Mo. 349—Ohio 166—Pa. 1083—
Tex. 31, 685—Wis. 383—Canada
434, 606

BARRY CONTROLS, INC.

700 Pleasant St.
Watertown 72, Mass.
Phone: WA 3-1150
Cal. 217—D. C. 36—Fla. 140—Ill.
123—Md. 115—Mass. 334—Mich.
185—Minn. 132—Mo. 120, 421—
N. Y. 493, 1273, 1286—Ohio 1124—
Pa. 677—Canada 163, 538

MANUFACTURERS

BARTH CORP., THE

12650 Brookpark Rd.
Cleveland 30, Ohio
Phone: WI 1-1440
(Contact manufacturer direct)

BARTON MINES CORP.

North Creek, N. Y.
Phone: 2296
(Contact manufacturer direct)

BATCHELDER ENGINEERING

125 Main St. - Box 159
Springfield, Vt.
Phone: TU 5-3001
(Contact manufacturer direct)

BATH INC., JOHN & CO.

10 Mann St.
Worcester 2, Mass.
Phone: PL 6-5721
Ala. 98, 161—Ariz. 37—Ark. 23—
Cal. 115, 711, 958, 1079, 1135, 1417
—Colo. 58—Conn. 75, 84, 190,
259, 486—D. C. 82—Fla. 253, 274,
322, 397—Ga. 165, 188, 331—Ill.
405, 993, 1311—Ind. 62, 201, 475—
Kan. 101—Md. 90—Mass. 309—
Mich. 44, 99, 764, 849—Minn. 124—
Mo. 195, 603—Neb. 37—N. J. 392,
437, 599—N. M. 33—N. Y. 355, 407,
522, 619, 872, 1197, 1377, 1396—
Ohio 216, 750, 1166, 1531, 1680—
Okla. 103—Ore. 76—Pa. 260, 429,
903, 993, 1313—Tenn. 38—Tex. 31,
685—Va. 39—Wis. 206, 416—
Canada 176, 288, 455, 496

BATH CO., THE CYRIL

32400 Aurora Rd.
Solon, Ohio
Phone: CH 8-6510
Cal. 482, Conn. 382—D. C. 91—
Mich. 1034—Mo. 494—N. C. 169—
Pa. 1281—Tex. 280—Wash. 282—
Wis. 396

BAUSCH & LOMB OPTICAL CO.

76360 Bausch St.
Rochester 2, New York
Phone: LO 2-3000
Cal. 261, 1172—D. C. 8—Ga. 31—
Ill. 130—Mass. 43—Mich. 105—
Mo. 317—N. Y. 730, 1366—Ohio 71
—Pa. 470—Tex. 310

BAUSH MACHINE TOOL CO.

156 Wason Ave.
Springfield 7, Mass.
Phone: RE 6-1801
(See advertisement p. 501)
Ala. 92—Cal. 59—Ill. 783—Ind.
245—Ky. 37—La. 181—Mass. 143—
Mich. 173—Minn. 243—Mo. 97,
603—Neb. 50—N. Y. 301, 858—
Ohio 753—Okla. 97—Ore. 44—Pa.
1106, 1281—Tex. 251—Va. 63—
Wash. 218—W. Va. 18

BAY PRODUCTS DIV. American Metal Works Inc.

1835 W. Cambria St.
Philadelphia 32, Pa.
Phone: BA 9-1805
Cal. 619, 1076—Colo. 149—Conn.
43—D. C. 62—Fla. 89, 216, 378—
Ga. 42—Ill. 238, 1230—Ind. 77—
Kan. 2, 19—Ky. 113—Mass. 223—
Mich. 327, 906, 1322—Minn. 303—
Mo. 581—N. J. 128—N. Y. 244,
946—N. C. 149—Ohio 280, 476,
1080—Pa. 482—Tenn. 231

BAY STATE ABRASIVE PRODUCTS CO.

12 Union St.
Westboro, Mass.
Phone: FO 6-4433
Ala. 2, 45, 156, 180—Ariz. 18, 37—
Alaska 4—Ark. 3, 23, 30—Cal. 359,
580, 587, 700, 1065, 1086, 1407, 1433,
1556—Colo. 195—Conn. 45, 64, 89,
142, 240, 307, 462—Del. 8—D. C.
65, 86, 87—Fla. 17, 92, 175, 274,
293, 322, 351, 360—Ga. 82, 324, 327,
342, 357—Hawaii 31—Idaho 14,

24, 27—Ill. 33, 55, 282, 295, 445,
711, 738, 823, 837, 849, 872, 878,
935, 1157, 1187—Ind. 39, 109, 164,
378, 453, 490, 554—Iowa 27, 52,
118, 143, 148, 174—Kan. 124—Ky.
28, 146, 150—La. 33, 43, 55, 59, 62,
98, 194—Md. 32, 61, 91, 173—Mass.
13, 194, 210, 288, 290, 329, 478, 660
—Mich. 4, 11, 36, 174, 843, 907,
1011, 1077, 1100, 1122, 1148, 1241,
1333—Minn. 256, 295—Miss. 4—
Mo. 57, 488, 621—Neb. 12, 71—
Nev. 2, 5—N. H. 6—N. J. 129, 539,
572—N. M. 23, 45, 52—N. Y. 42,
216, 364, 447, 549, 570, 572, 588,
683, 803, 919, 1190, 1203, 1266,
1501, 1554, 1599, 1618, 1646—N. C.
75, 89, 150, 152, 177, 215, 229,
232, 239—Ohio 83, 320, 335, 757,
1066, 1191, 1314, 1368, 1404, 1422,
1427, 1430, 1469, 1592, 1714, 1729
—Okla. 24—Ore. 16, 98, 123, 195—
Pa. 18, 277, 348, 400, 403, 548, 776,
786, 839, 1145, 1175, 1200, 1204,
1266—S. C. 56, 82—Tenn. 21, 66,
101, 170, 208, 241—Tex. 8, 22, 27,
52, 66, 75, 78, 252, 330, 392, 405,
447, 457, 517, 693, 766, 780, 787,
802, 812, 813, 824, 838, 852, 857,
873, 875, 881, 883, 888, 890, 892,
899, 901—Utah 1, 72—Vt. 3, 11,
15, 20—Va. 24, 29, 51, 66, 158—
Wash. 24, 87, 334, 370, 373—W.
Va. 2, 9, 18, 41, 92—Wis. 28, 79,
250, 443

BAY STATE TAP AND DIE CO.

Chauncy St.
Mansfield, Mass.
Phone: ED 9-8981
(See advertisement p. 302)
Cal. 362, 1173—Ga. 32—Ill. 131—
Mass. 360—Mich. 191—N. J. 154—
Ohio 484—Tex. 102

BEAR MFG. CO.

2016 - 5th Ave.
Rock Island, Ill.
Phone: 6-6461
Cal. 1255—Colo. 100—D. C. 91—
Ga. 55—Ill. 290—La. 171—Mass.
121—Minn. 284—Mo. 569—Neb.
50—N. Y. 170, 655, 1311—N. C. 87
—Ohio 942, 1253, 1597—Pa. 798,
1272—Tenn. 157—Tex. 116

BEATTY MACHINE & MFG. CO.

940 - 150th St.
Hammond, Ind.
Phone: WE 1-3000
Ala. 96—Cal. 59, 615, 1517, 1591—
Colo. 70—Ill. 290—La. 181—Mass.
195—Mich. 490—Minn. 327, 339—
Mo. 96, 361—Neb. 27—N. Y. 200,
655, 1356, 1538, 1562—Ohio 287,
621—Okla. 24—Pa. 1083, 1281—
Tex. 116—Utah 23—Wash. 218—
Canada 401, 584

BEAVER CUT ROTARY FILE CO.

400 E. Slauson Ave.
Los Angeles 11, Calif.
Phone: AD 1-0165
Ariz. 45—Cal. 77, 133, 279, 503,
508, 606, 616, 711, 854, 894, 936,
1465, 1564—N. Y. 1020—Tex. 873

BEAVER GEAR WORKS, INC.

1025 Parmele St.
Rockford, Ill.
Phone: WO 3-9691
Ariz. 108—Cal. 17—Ill. 891—Ind.
466—Mich. 453—Mo. 45—N. Y.
752—Ohio 238—Tex. 623

BEAVER PIPE TOOLS, INC.

310 Dana Ave., NE.
Warren, Ohio
Phone: EX 2-1561
(Contact manufacturer direct)

BEAVER TOOL CO.

P. O. Box #256
Huntington Sta., N. Y.
Phone: HA 7-3854
Ala. 194—Cal. 711, 894—Ill. 495—
Kan. 36—Mass. 36—Mo. 221—
N. H. 23—N. J. 6—N. Y. 63, 290,

743—Okla. 24—Tex. 190, 424, 873
—Va. 49—Wash. 244, 333—Canada
363

BEAVER TOOL & ENGINEERING CORP.

500 W. County Rd.
Gaylord, Mich.
Phone: 7901
Ala. 155, 161, 165, 196—Ariz. 16,
81, 118—Ark. 38—Cal. 133, 238,
337, 513, 711, 1128, 1186, 1252,
1364, 1433, 1517—Colo. 131, 195—
Conn. 466—D. C. 24—Fla. 32, 79,
175, 272, 302, 332, 395—Ga. 19, 61,
82, 116, 188, 233, 248—Ill. 234, 706,
751, 849, 1007, 1157—Ind. 11, 104,
352, 412, 544—Iowa 10, 21, 55, 103,
108—Kan. 84, 100, 114, 123—Ky.
52, 60, 67, 101—La. 32, 100, 158,
171, 181, 210, 217—Mass. 533, 666—
Mich. 17, 422, 696, 887, 907, 1216,
1267—Minn. 30, 52, 54, 231, 233,
243, 284—Miss. 18, 36—Mo. 587—
Neb. 37—N. J. 437—N. Y. 100, 290,
449, 1113, 1322, 1531—N. C. 19, 63,
113, 213, 214, 234—Ohio 314, 616,
662, 964, 1235, 1622—Okla. 24,
108, 129, 126, 129, 131—Ore. 133—
Pa. 190, 337, 790, 871—S. C. 26, 63
—Tenn. 14, 38, 93, 101, 104, 157,
200—Tex. 116, 195, 239, 330, 348,
416, 421, 424, 447, 472, 494, 614,
678, 684, 695, 700, 752, 754, 762,
766, 787—Utah 62, 72—Vt. 19—
W. Va. 26, 39, 62, 99, 120, 120, 146,
167—Wash. 44, 132, 244—W. Va.
15, 20, 48—Wis. 245, 437—Canada
148, 281, 460, 492, 562

BECKETT-HARCUM CO.

985 W. Locust St.
Wilmington, Ohio
Phone: FU 2-2577
Ala. 150—Cal. 327, 922—Colo. 123
—Conn. 33, 356, 508—Fla. 174—
Ga. 39, 157—Ill. 65, 93, 551, 1189—
Ind. 491—Iowa 70—Mass. 271, 621,
664—Mich. 425, 555, 958, 993—
Minn. 200—Mo. 37, 287—N. J. 131,
281—N. Y. 1314—N. C. 84—Ohio
35, 1372, 1580—Okla. 129—Pa. 2,
585, 1129—R. I. 17—S. C. 9—Tenn.
141—Tex. 387, 775—Wash. 253,
315—W. Va. 69, 67—Wis. 325, 352,
354—Canada 35, 384, 525

BEDFORD GEAR & MACHINE PRODUCTS, INC.

550 Krick Rd.
Bedford, Ohio
Phone: BE 2-1130
Cal. 597, 1458, 1494—Conn. 339—
Fla. 200—Ill. 96, 261—Ind. 72, 114,
117, 259—Kan. 101—Mass. 400—
Mich. 689, 888—Mo. 162, 473—
N. J. 354—N. Y. 1245—N. C. 19—
Ohio 9, 265, 822, 977, 1161, 1197,
1406, 1490, 1529—Pa. 188, 996—
Tex. 235—Wis. 257—Canada 148,
492

BEHR MACHINERY & EQUIPMENT CORP.

1100 Seminary St.
Rockford, Ill.
Phone: WO 2-7721
Ill. 1141

BEHR-MANNING CO.

5060 Howe St.
Troy, N. Y.
Phone: AR 3-0100
Cal. 366, 1176—Ga. 287—Ill. 137
—Ind. 149—Mass. 200—Mich. 193
912—Mo. 319—N. J. 41, 548—N. Y.
156—N. C. 196—Ohio 158, 489—
Pa. 794—Wash. 51

BEL-RAY CO., INC.

Bowman Ave.
Farmingdale, N. J.
Phone: WE 8-2421
Ala. 136—Fla. 376—Ga. 36—Mich.
992—N. Y. 1229—Pa. 797—Wash.
253

BELL & GOSSETT CO.

8200 N. Austin Ave.
Morton Grove, Ill.
Phone: OR 3-3700
Ariz. 8—Cal. 85, 1512—Colo. 208—
Conn. 304—D. C. 79—Fla. 244—
Ill. 693—Ind. 403—La. 165—Mich.
436—Minn. 190—Mo. 245, 326—
N. M. 43—N. Y. 266, 608, 1487,
1601—Ohio 270, 926—Okla. 35—
Ore. 99—Pa. 385, 782—R. I. 17—
Tenn. 115—Tex. 387—Utah 73—
Canada 288

BELLOWS-VALVAIR

Divs. of International Basic
Economy Corp.
230 W. Market St.
Akron 9, Ohio
Phone: FR 6-2174
Ala. 14—Ariz. 21—Cal. 165, 371,
1087, 1178—Colo. 23—Conn. 26,
154, 278—Fla. 151, 250—Ga. 35—
Ill. 138, 1067, 1142—Ind. 26, 56,
151, 508—Iowa 13—Ky. 34—La. 75
—Md. 17—Mass. 47, 496, 642—
Mich. 14, 195, 845, 913, 1082, 1107,
1312—Minn. 57—Mo. 53, 321—
N. H. 4—N. J. 332, 557—N. Y. 7,
86, 157, 652, 732, 1228, 1456—
N. C. 154—Ohio 7, 86, 159, 490,
1023, 1217, 1453, 1534—Okla. 61—
Ore. 55, 158—Pa. 180, 474, 796,
1152, 1257—R. I. 26—Tenn. 71,
120, 223—Tex. 104, 510, 851—Utah
17—Va. 76—Wash. 52, 79—W. Va.
80—Wis. 87, 129—Canada 53, 97,
181, 220, 291, 457, 499

BELMONT SMELTING & REFINING WORKS, INC.

330 Belmont Ave.
Brooklyn 7, N. Y.
Phone: DI 2-4900
(Contact manufacturer direct)

BELOIT TOOL CORP.

1200 Milwaukee Rd.-P. O. Box 30
Beloit, Wis.
Phone: EM 5-8878
Cal. 706—Conn. 239—Ill. 334—
Ind. 305—Iowa 48—Mass. 302—
Mich. 196, 1235, 1259—Mo. 222
—N. Y. 1275—Wis. 18

BELTRACON CO.

1813 Winona St.
Chicago 40, Ill.
Phone: LO 1-4710
(Contact manufacturer direct)

BEMAX IMPORT-EXPORT CO.

P. O. Box 51
Hathboro, Pa.
Phone: OS 5-2878
(Contact manufacturer direct)

BENCHMARK MFG. CO.

1835 W. Rosecrans Ave.
Gardena, Calif.
Phone: FA 1-0411
Cal. 215, 911—Colo. 21—Ga. 263
—Ill. 437—Ind. 187—Kan. 28—
Mich. 49—Minn. 265—N. Y. 657—
Ohio 894—Tex. 219

BENCO COLLET MFG. CO.

1557 E. 27th St.
Cleveland 14, Ohio
(Contact manufacturer direct)

BENDIX AVIATION CORP.

Industrial Controls Sec.
21820 Wyoming Ave.
Detroit 37, Mich.
Phone: JO 6-9800
Cal. 67—Mass. 604

BENDIX-WESTINGHOUSE AUTOMOTIVE AIR BRAKE CO.

901 Cleveland St.
Elyria, Ohio
Phone: FA 3-3151
Cal. 753, 1366—Conn. 346—Fla. 74

MANUFACTURERS

—Ga. 196—Ill. 551—Ind. 372, 559
Iowa 40—Ky. 114—La. 165—Md.
206—Mass. 446, 606—Mich. 785,
1062—Minn. 65, 109—Mo. 287—
N. J. 105, 406—N. Y. 357, 1480—
N. C. 97—Ohio 384, 926, 1085, 1272
—Okla. 35, 141—Pa. 341, 585, 860
—S. C. 9—Wash. 269—Wis. 325

BENERSON CORP.

1319 W. Florida St.
Evansville 10, Ind.
Phone: HA 5-3378

(Contact manufacturer direct)

BENTLEY INDUSTRIAL CORP.

21-19 46th Ave.
Long Island City, N. Y.
Phone: EM 1-9662

(Contact manufacturer direct)

BERKROY PRODUCTS CO.

Div. King Machine & Mfg. Co.

1171 E. 32nd St.
Los Angeles 11, Calif.
Phone: AD 2-8158
Ariz. 37—Cal. 238, 616, 906, 1416—
Fla. 272—Ill. 495—Iowa 165—La.
217—Mass. 328—Mich. 827—N. Y.
837—Ohio 509—Tex. 766—Va. 146

BERNARD WELDING EQUIP. CO.

10232 Ave. N.
Chicago 17, Ill.
Phone: RE 4-1024

(Contact manufacturer direct)

BERNELL TOOL CO., INC.

990 Plank Rd.
Waterbury 20, Conn.
Phone: PL 6-4405
Cal. 249—Conn. 466—Fla. 322—
N. J. 599—Wis. 385

BERYLLIUM CORP., THE

P. O. Box 1462
Reading, Pa.
Phone: WA 9-0781
Cal. 392, 1189—Ga. 248—Ill. 145,
348—Ky. 131—Md. 21—Mass. 71,
497—Mich. 106, 521—Minn. 96—
N. Y. 735, 987, 1328—N. C. 24, 68—
Ohio 437, 492, 985, 1103, 1129, 1700
—Pa. 475, 489, 799, 1130—Wash.
46—Canada 382, 572

BESLY-WELLES CORP.

(Cutting Tool & Gages)

118 Dearborn Ave.
South Beloit, Ill.
Phone: DU 9-2231

(See advertisement p. 479)

Ala. 3, 6—Ariz. 54, 84, 178—Cal.
44, 82, 117, 212, 238, 344, 370, 442,
550, 639, 668, 770, 859, 876, 910, 994,
1364, 1385, 1400, 1432, 1470, 1471—
Colo. 158—Conn. 47, 256, 467—
Fla. 135—Ga. 82, 233—Idaho 10,
16, 23—Ill. 20, 69, 122, 146, 188,
238, 446, 478, 706, 846, 878, 937,
959, 988, 1007, 1015, 1067, 1093,
1157, 1187, 1255, 1295, 1289—Ind.
1, 11, 39, 66, 236, 352, 537, 544, 555,
562—Iowa 15, 24, 52, 86, 111, 157,
162, 174—Kan. 65, 98, 105—Ky.
130—La. 201, 210—Md. 70—Mass.
17, 421, 438—Mich. 4, 201, 238, 461,
500, 566, 837, 870, 1030, 1089, 1097,
1139, 1162, 1216, 1307, 1316, 1396—
Minn. 11, 243—Mo. 3, 32, 97, 296,
484—Mont. 36—Neb. 12, 15, 44—
N. J. 147, 580, 598—N. M. 157, 47—
N. Y. 94, 151, 279, 521, 623, 644,
824, 1199, 1388, 1501—N. C. 113,
141, 147, 149, 192—Ohio 66, 82,
147, 430, 450, 493, 667, 733, 841,
915, 1026, 1122, 1185, 1235, 1356,
1368, 1427, 1519, 1528, 1540, 1595,
1651, 1671, 1739—Okla. 45, 154,
173—Ore. 18, 33, 35, 95, 154—Pa.
74, 163, 308, 399, 407, 421, 934, 980,
1129, 1245—Tenn. 93, 262—Tex.
118, 252, 795—Utah 57, 64—Va. 15
—Wash. 19, 244, 329—W. Va. 89—
Wis. 13, 52, 81, 126, 245, 254, 429,
450, 484

BESLY-WELLES CORP.

(Machine Tools & Abrasives)

(See advertisement p. 479)

Ariz. 52—Cal. 532, 1106, 1255—
Colo. 131—Conn. 396—Fla. 43—
Ill. 847, 988, 1024—Ind. 323—
Mich. 946, 1048—Minn. 243—N. J.
321—N. Y. 1577—Ohio 841, 1224
—Ore. 157—Pa. 123, 434—Tex.
118, 415, 522—Utah 62—Wash.
259—Wis. 20

BETHLEHEM STEEL CO.

701 E. 3rd St.
Bethlehem, Pa.
Phone: UN 7-2424

(See advertisement p. 57)

Ariz. 23—Cal. 372, 1180—Conn.
279—D. C. 10—Fla. 67—Ga. 38—
Ill. 147—Ind. 153—Md. 19—Mass.
48, 498—Mich. 202—Minn. 286—
Mo. 323—N. Y. 8, 160, 736, 1457—
N. C. 155—Ohio 160, 494, 1025,
1130, 1535—Okla. 62—Ore. 57—
Pa. 98, 322, 476, 800, 1296—R. I. 27
—Tex. 108, 511—Utah 19—Va. 78
—Wash. 54, 312—Wis. 132—
Canada 292, 500

BEVERLY SHEAR MFG. CO., THE

3004 W. 111th St. - Dept. T. E.
Chicago 43, Ill.
Phone: BE 8-0003

Ala. 4, 61, 94, 98, 195, 196, 202—
Ariz. 18, 45, 81, 118, 122, 178—Ark.
8, 23—Cal. 93, 121, 169, 192, 238,
262, 453, 473, 532, 616, 624, 764,
839, 897, 927, 1104, 1105, 1298,
1304, 1308, 1311, 1368, 1416, 1435,
1537—Colo. 72—Conn. 92, 364—
Del. 7—D. C. 55—Fla. 84, 158, 272—
Ga. 248—Idaho 28—Ind. 250, 553
—Iowa 110—Kan. 120—Ky. 101—
La. 100, 207—Me. 22—Md. 27—
Mass. 55, 660—Mich. 696—Minn.
271—Mo. 99, 559—Mont. 14—Neb.
3, 37—Nev. 6—N. H. 11—N. J. 57,
461—N. M. 33—N. Y. 682, 837—
N. C. 246—N. D. 12—Ohio 287,
979—Okla. 32—Ore. 151—Pa. 539,
629—R. I. 69—S. C. 4—S. D. 7—
Tenn. 38, 185—Tex. 116, 695—
Utah 82—Va. 31, 146—Wash. 259—
W. Va. 15—Wis. 429—Wym. 6—
Canada 8, 27, 47, 69, 83, 89, 93, 98,
129, 167, 182, 304, 510

BICKNELL-THOMAS CO.

Box 431
Greenfield, Mass.
(Contact manufacturer direct)

BIJUR LUBRICATING CORP.

151 W. Passaic St.
Rochelle Park, N. J.
Phone: DI 2-8850
Cal. 319—Conn. 256, 467—Fla. 43
—Ill. 467, 1224—Ind. 462—Mass.
421, 671—Mich. 120, 886—Mo. 488
—N. J. 172, 408—N. Y. 406, 1204,
1388—Ohio 750—Pa. 89, 325, 368,
598, 1245, 1319—R. I. 4—Vt. 18—
Wis. 280

BILLINGS & SPENCER CO., THE

1 Laurel St.
Hartford 1, Conn.
Phone: JA 7-5181
Ill. 151, 896—Mass. 445—Mich.
1204—N. Y. 455, 1626—Ohio 239,
1473—Okla. 1—Tex. 387

BINGHAMTON FLEXIBLE SHAFT

DIV.

Swartz & White Mfg. Co.

486 Chenango St.
Binghamton, N. Y.
Phone: RA 4-2141

(Contact manufacturer direct)

BIRDSBORO CORP.

Birdsboro, Pa.
Phone: JU 2-2011
Pa. 803

BLACK & DECKER MFG. CO., THE

Towson 4, Md.
Phone: VA 3-440
Cal. 376, 1181—Colo. 25—Fla. 154
—Ga. 41—Ill. 152—Md. 20—Mass.
49—Mich. 205—Minn. 60—Mo. 54,
324—N. Y. 161, 1657—Ohio 163—
Pa. 477, 804—Tenn. 121—Tex. 109
—Wash. 55

BLACK DRILL CO.

1400 E. 22nd St.
Cleveland 17, Ohio
Phone: KE 1-2202
Cal. 249—Ill. 96, 134—Ind. 259—
Mass. 358—Mich. 187—Mo. 473—
N. J. 392—N. Y. 243—Ohio 193,
979, 1215—Pa. 637—Wash. 93—
Wis. 432

BLACK ROCK MFG. CO., THE

Reed Prentice Div.

189 Osborne St.
Bridgeport 5, Conn.
Phone: FO 7-6441
Cal. 846—Ind. 178—Mass. 614—
Mich. 394—Minn. 243—Ohio 1184,
1376—Pa. 1115

BLACK & WEBSTER, INC.

570 Pleasant St.
Watertown 72, Mass.
Phone: WA 6-0100

Cal. 49, 553—Colo. 63—Conn. 8—
Fla. 7, 184—Ga. 221—Ill. 493—Ind.
321—Mass. 332—Mich. 271—Minn.
345—Mo. 471—N. J. 450—N. Y.
572, 1187—N. C. 213—Ohio 440,
1373, 1578—Ore. 185—Pa. 318, 911
—Tenn. 213—Tex. 722—Vt. 8—
Va. 165—Wis. 423

BLAKE CO., INC., EDWARD

570 Pleasant St.
Watertown 72, Mass.
Phone: WA 6-0100
Ala. 196—Cal. 369, 922—Colo. 63—
Ill. 893—La. 181, 217—Mass. 332—
Mich. 271, 862, 1222, 1319—Minn.
124—Miss. 36—N. J. 450—N. Y.
565, 572—Ohio 162, 841, 1169, 1578
—Pa. 521, 877—Tex. 472, 754—Vt.
8—Va. 165—Wis. 423—Canada
401, 584

BLAKESLEE & CO., G. S.

1844 S. Laramie Ave.
Chicago 50, Ill.
Phone: BI 2-2710
Cal. 378—Conn. 391—Ill. 154—
Ind. 155—Mass. 263—Mich. 206—
Mo. 327—N. Y. 44, 739—Ohio 498,
1510—Pa. 479—Wis. 136—Canada
294

BLANCHARD DIAMOND DIV.

Harmon Machine Co., Inc.

225 W. Lewis
Wichita 2, Kan.
Phone: AM 5-4611
Colo. 68—Ill. 497—Ore. 186

BLANCHARD MACHINE CO., THE

64 State St.
Cambridge 39, Mass.
Phone: TR 6-8870
Ala. 94—Cal. 532, 1255—Colo. 90—
Conn. 476—Fla. 43—Ill. 467, 483—
Ind. 298—La. 187—Mass. 143—
Mich. 833—Minn. 284—Mo. 227,
669—Neb. 37—N. Y. 321, 1036,
1549—Ohio 327, 786—Pa. 992, 1282
—Tenn. 38—Tex. 116, 428, 711—
Utah 62—Va. 62—Wash. 259—
Canada 606

BLISS CO., E. W.

1375 Raff Rd., SW.
Canton 10, Ohio
Phone: GR 7-3421
Ala. 158—Ariz. 102—Cal. 379, 969
—Colo. 142—Conn. 437—D. C. 11
—Ga. 61—Idaho 11—Ill. 157—Ind.

156—Iowa 7—Kan. 123—La. 158,
210—Mass. 291—Mich. 207, 1144—
Minn. 203—Mo. 95, 361—N. Y. 90,
1230—N. C. 169—Ohio 500, 1131,
1484, 1538—Ore. 179—Pa. 480,
805—Tenn. 157—Tex. 239, 752—
Utah 46—Wash. 259, 347—W. Va.
18—Wis. 35—Canada 295

BLISS & LAUGHLIN, INC.

281 E. 155th St.
Harvey, Ill.
Phone: ED 3-1220
Colo. 28—Conn. 159—Ill. 158,
1217—Ind. 157—Mass. 361—Mich.
1108, 1379—Minn. 62—Mo. 328—
N. J. 334—N. Y. 162, 1459—Ohio
501, 1132—Okla. 66—Pa. 481—
Tex. 110, 513—Wis. 137

BLOUNT CO., J. G.

Subsidiary of Bowl-Mor Co., Inc.

Box 426, Newtown Rd.
Littleton, Mass.
Phone: HU 6-3515
Ala. 196—Cal. 615, 1191—Conn.
178, 467—Fla. 272—Ill. 290, 295,
483—Ind. 280, 338—La. 161—Md.
27—Mass. 369, 686—Mich. 337,
373, 394, 696, 698, 833, 1222—
Minn. 209—Mo. 339, 476—Ohio
287, 712, 1074—Pa. 963

BLUE M. ELECTRIC CO.

138th & Chatham St.
Blue Island, Ill.
Phone: FU 5-9000
Ala. 123—Cal. 380—Conn. 144—
Fla. 77—Ga. 269—Ill. 198, 647, 683
—Ind. 5—Ky. 105—La. 92—Md.
155, 194—Mass. 224—Mich. 378—
Mo. 72, 295—N. J. 23, 258, 571—
N. Y. 372, 677, 841, 1387—Ohio
529, 653—Pa. 806, 879—Tex. 147,
547—Wash. 301—W. Va. 76—Wis.
215

BLUE VALLEY MACHINE & MFG. CO.

6832 E. Truman Rd.
Kansas City 26, Mo.
Phone: BE 1-1480
(Contact manufacturer direct)

BODINE CORP., THE

317 Mountain Grove St.
Bridgeport 5, Conn.
Phone: ED 4-3108

(See advertisement p. 305)

Cal. 615, 1517—Ill. 304—Ind. 298—
Mich. 621—N. Y. 301, 1538—Ohio
370—Pa. 1115

BOECKELER INSTRUMENT CO.

37 E. Rillito St.
Tucson, Ariz.
Phone: MA 3-8842
Cal. 49, 730, 1241—Ill. 400—Mass.
24—Minn. 124, 296

BOESCH MFG. CO., INC.

45 River St.
Danbury, Conn.
Phone: PI 3-5571
Cal. 999—Fla. 61—Ill. 484—Mass.
459—N. J. 501—N. Y. 953—Ohio
1682—Canada 139

BOGGIS & CO., HENRY P.

706 E. 163rd St.
Cleveland 10, Ohio
Phone: IV 1-2770
(Contact manufacturer direct)

BOICE-CRANE CO.

930 W. Central Ave.
Toledo 6, Ohio
Phone: CH 4-3097
Ariz. 33—Cal. 532, 672, 737, 1035,
1257, 1304—Colo. 131—D. C. 6—
Fla. 201, 363—Ga. 19, 345, 359—
Ill. 74, 267, 468—Mass. 177—
Mich. 165, 200, 1361—Minn. 203,
265—Mo. 17, 106, 244, 607—Neb.
50—N. J. 343—N. M. 54—N. Y. 57,
657, 1124, 1574, 1594—Ohio 719,
1552—Ore. 52—Pa. 438, 963—R. I.

MANUFACTURERS

BOICE-CRANE CO. (cont.)

11—Tenn. 47—Tex. 220, 251, 695—
Utah 97—Va. 59—Wash. 234—
Wis. 475—Canada 343

BOICE GAGES, INC.

Bolce Rd.
Hyde Park, N. Y.
Phone: CA 9-2171
Ariz. 58—Cal. 131, 293, 1518—Ill.
567—Ind. 142—Iowa 19—Mass. 443
—Mich. 288, 934—Minn. 203—
Miss. 28—Mo. 235, 432—N. Y. 572,
1540—Ohio 280, 840—Pa. 117, 424
—Tex. 328—Utah 79—Wash. 253—
Wis. 220

BOKUM TOOL CO., INC.

14775 Wildemere Ave.
Detroit 38, Mich.
Phone: UN 3-8400
Ala. 45—Ariz. 37, 178—Cal. 293,
340, 894—Conn. 239—Del. 7—
Fla. 321—Ga. 89—Ill. 511—Ind.
340—Iowa 10—Md. 32—Mass. 593
—Mich. 210, 705, 887—Minn. 52
—Mo. 57, 545—N. Y. 219, 453—
N. Y. 224, 1349, 1455—N. C. 19—
Ohio 739, 1002, 1234—Okla. 24—
Pa. 163, 596, 939—R. I. 14—Tex.
353, 685—Va. 146—Wis. 340—
Canada 288

BOND CO., CHARLES

617-623 Arch St.
Philadelphia 6, Pa.
Phone: MA 7-6600
(Contact manufacturer direct)

BOREL & DUNNER

19313 Farmington Rd.
Livonia, Mich.
Phone: KE 3-0878
Ala. 28—Ariz. 54, 128—Cal. 99,
231, 692, 996—Conn. 101, 473—
Fla. 393—Ill. 343—Ind. 61, 299,
519—Mass. 66—Minn. 207—N. J.
253—N. Y. 98, 375, 624, 819—Ohio
578, 1263, 1373, 1502—Pa. 515—
Tex. 441—Wis. 455

BOSTITCH, INC.

Briggs Dr.
East Greenwich, R. I.
Phone: TV 4-2500
(Contact manufacturer direct)

BOSTON GEAR WORKS

14 Hayward St.
Quincy 71, Mass.
Phone: PR 3-0400
Ala. 103, 173—Ariz. 45—Cal. 344,
503, 890, 1296, 1433—Colo. 205—
Conn. 37, 203, 299, 429—Del. 11—
Fla. 99, 175, 382—Ga. 44, 248—Ill.
15, 160, 204, 361, 596, 1102, 1166,
1285—Ind. 25, 67, 425, 507—Iowa
60, 99—Ky. 96—La. 58, 138, 181,
218—Md. 27—Mass. 59, 533, 680—
Mich. 212, 977, 1316, 1391—Minn.
141, 202—Mo. 57, 95, 361, 559—
Neb. 50—N. J. 54, 413, 464, 549,
566, 616—N. Y. 27, 103, 124, 153,
319, 448, 580, 738, 879, 1087, 1210,
1277, 1417, 1562, 1611—N. C. 94,
176, 208, 227, 251—Ohio 27, 366,
383, 502, 757, 979, 1073, 1294, 1619,
1728—Okla. 29, 129—Ore. 100—
Pa. 33, 72, 222, 339, 493, 604, 884,
1081, 1260, 1324—R. I. 55—S. C.
48—Tenn. 36, 96, 122, 263—Tex.
113, 170, 175, 581, 680, 864—Utah
48—Va. 99, 167—Wash. 69, 87, 328,
356—W. Va. 15—Wis. 15, 48, 93,
433, 462—Canada 77, 90, 195, 226,
296, 394, 434, 580, 606, 609, 619

BOUND BROOK OIL-LESS BEARING CO.

Bound Brook, N. J.
Phone: EL 6-0441
Cal. 351—Conn. 73—Ill. 1077—
Ind. 119—Iowa 155—Mich. 1183—
Minn. 81—N. Y. 75, 1331—Ohio
1678—Pa. 1225—Tex. 105—Wis.
454—Canada 359

BOWEN PRODUCTS CORP.

7 Canal St.
Auburn, N. Y.
Phone: 3-6281
(Contact manufacturer direct)

BOYAR-SCHULTZ CORP.

2000 S. 25th Ave.
Broadview, Ill.
Phone: FI 5-1300
Ariz. 58—Ark. 23—Cal. 383, 1105,
1241—Colo. 70, 80—Conn. 467—
Fla. 174, 184—Ga. 221—Idaho 11—
Ill. 1002, 1187—Ind. 39, 89, 164,
223, 544—Kan. 84—Ky. 29—La.
158—Md. 32—Mich. 1, 211, 996,
1324—Minn. 124—Mo. 57, 488—
Neb. 50—N. M. 15—N. Y. 290, 424,
745, 1535—N. C. 19—Ohio 825,
1183, 1657—Okla. 24, 44, 108, 150—
Pa. 190, 521, 554, 598, 1028, 1081,
1106, 1324—Tex. 330, 559—Utah
62, 146—Wash. 164—Wis. 336, 398
—Canada 90, 148, 152, 284, 311,
345, 383, 398, 583, 587

BOYD-WAGNER CO.

1440 W. Lake St.
Chicago 7, Ill.
Phone: HA 1-1200
(Contact manufacturer direct)

BOYE & EMMES MACHINE TOOL CO., THE

81 Caldwell Dr., Hartwell
Cincinnati 16, Ohio
Phone: VA 1-2967
Ala. 114—Ariz. 18—Cal. 262, 369,
450, 758—Colo. 90—Conn. 42, 178
—Fla. 123, 313, 316, 350—Ga. 64—
Ill. 1033—Ind. 360—La. 85—Md.
15—Mass. 572—Mich. 546, 988—
Mo. 537—N. Y. 155, 173, 257, 424,
654, 1362—N. C. 169—Ohio 32,
1084—Okla. 108—Ore. 105—Pa.
722, 1049—Tenn. 222, 263—Tex.
243, 524—Utah 81—Wash. 261—
Wis. 323—Canada 80, 562

BRAD FOOTE GEAR WORKS, INC.

1309 S. Cicero Ave.
Cicero 50, Ill.
Phone: BI 2-1070
Cal. 1190A—Ill. 34A, 917A, 959A,
1079A—Md. 80—Mass. 501—Mich.
245—Minn. 343—N. J. 484—N. Y.
192, 1011—Ohio 506, 1513—Pa. 70,
1038—Wis. 322

BRADFORD MACHINE TOOL CO.

722 Porter St.
Lansing 5, Mich.
Phone: IV 2-2782
(Contact manufacturer direct)

BRADY CO., W. H.

727 W. Glendale Ave.
Milwaukee 9, Wis.
Phone: ED 2-8100
Cal. 385, 1184—Conn. 161—Ga. 47
—Ill. 162—Mass. 52—Mich. 216—
Mo. 330—N. J. 336—N. Y. 165—
Ohio 168, 503—Pa. 488—Wis. 138
—Canada 144

BRAEBURN ALLOY STEEL CORP.

Braeburn, Pa.
Phone: AC 4-6900
Ala. 164—Cal. 386—Conn. 260—
Fla. 229—Ill. 163—Ind. 160—Mass.
645—Mich. 816—N. Y. 747, 1233—
Ohio 169, 504, 1701—Pa. 107—
Wis. 139

BRANDES PRESS CO., THE

6408 Euclid Ave.
Cleveland 3, Ohio
Cal. 764—Fla. 21—Ill. 448—Ind.
423—Mich. 1025—Minn. 306—
Mo. 488—N. Y. 1039, 1557—Ohio
904, 1105—Pa. 1087—Wis. 218—
Canada 187

BRANSON INSTRUMENTS, INC.

37 Brown House Rd.
Stamford, Conn.
Phone: DA 4-6721
(See advertisement p. 503)
Ala. 168—Cal. 1434, 1543—Colo.
167—Conn. 60—Fla. 247—Ga. 300
—Hawaii 26—Ill. 164—Ky. 104—
Mass. 28—Mich. 188—Minn. 106—
Mo. 421—N. J. 289, 442—N. Y. 995,
1420—N. C. 67—Ohio 354—Okla.
90—Pa. 914—Tex. 437, 575—Utah
79—Va. 22—W. Va. 15—Canada 5,
66, 236, 328, 323

BRAUN GEAR CO.

239 Richmond St.
Brooklyn 8, N. Y.
Phone: TA 7-4400
(Contact manufacturer direct)

BREN WELD CORP.

5114 3rd Ave.
Brooklyn 20, N. Y.
Phone: HY 2-5300
Ala. 207—Ark. 30—Cal. 917, 1386
—Conn. 46, 51, 197, 218, 322, 404—
D. C. 67—Fla. 129, 215—Ga. 265—
Hawaii 11—Ill. 458, 787, 788—Ind.
316—Kan. 107—La. 207, 210—Me.
27—Md. 50, 89—Mass. 193, 228,
278, 342, 352, 356, 468—Mich. 5,
585, 671, 762, 763, 1010, 1338—Mo.
368, 477—N. J. 103, 165, 226—N.
M. 4, 33—N. Y. 77, 176, 989, 1061,
1140, 1206, 1529, 1613, 1624—N. C.
32, 150—N. D. 13—Ohio 973, 1301,
1735—Ore. 147—Pa. 26, 36, 657,
928, 1123, 1125—R. I. 2, 50—S. C.
47—Tenn. 84, 88, 179—Va. 137—
Wis. 39—Canada 18, 132, 342, 606

BREUER ELECTRIC MFG. CO.

5100 N. Ravenswood Ave.
Chicago 40, Ill.
Phone: LO 1-6182
(Contact manufacturer direct)

BRIDGEPORT BRASS CO.

30 Grand St.
Bridgeport 2, Conn.
Phone: ED 4-1182
Cal. 390, 1090, 1187—Colo. 33—
Conn. 28—D. C. 12—Fla. 239, 342—
Ga. 48—Ill. 165, 1145—Ind. 161—
Iowa 14—Kan. 78—Ky. 38—La. 8
—Mass. 203—Mich. 2, 220, 920—
Minn. 64, 288—Mo. 61, 335—N. J.
212—N. Y. 166, 748, 1234, 1462—
N. C. 157—Ohio 8, 170, 507, 1135—
Okla. 67—Pa. 490, 811—R. I. 29—
Tenn. 124—Tex. 115, 519—Va. 80
—Wash. 60—Wis. 141

BRIDGEPORT MACHINES, INC.

500 Lindley St.
Bridgeport 6, Conn.
Phone: FO 7-3651
(See advertisement p. 130)
(Contact manufacturer direct)

BRIGHTBOY INDUSTRIAL DIV.

Weldon Roberts Rubber Co.
93-99 N. 13th St.
Newark 7, N. J.
Phone: HU 2-7812
Ala. 45, 107—Ariz. 37, 178—Cal.
133, 266, 316, 337, 340, 606, 652,
927, 1080—Colo. 72—Conn. 43, 50,
89, 105, 160, 299, 310, 343, 370, 385,
388, 393, 427—Del. 6—D. C. 24, 87
—Fla. 153, 272, 384—Ga. 205, 247—
Ill. 58, 114, 183, 457, 495, 554—
Ind. 33, 83, 164, 259, 553—Iowa 52
—Kan. 95—Ky. 25, 98—Md. 18,
120—Mass. 11, 61, 104, 250, 281,
326, 329, 349, 381, 415, 437, 527,
556, 646, 660—Mich. 40, 837, 862,
892, 951, 969, 1103, 1162, 1216, 1222,
1262, 1331, 1374—Minn. 82, 203,
254, 267—Miss. 36—Mo. 95, 148,
233, 488—N. H. 10—N. J. 31, 225,
267, 325, 337, 346, 351, 409, 425,
439, 462, 497, 575—N. Y. 27, 56,
109, 124, 277, 290, 442, 472, 572,
584, 600, 604, 681, 682, 683, 692,
708, 785, 877, 982, 1098, 1266, 1523,

1574, 1595, 1623—N. C. 177, 218—
Ohio 193, 898, 979, 1161, 1391, 1516,
1606, 1649—Okla. 108, 120, 129—
Pa. 140, 271, 332, 339, 389, 531, 580,
740, 747, 903, 1304—R. I. 20, 34, 42,
57, 65—S. C. 56—Tenn. 1, 11, 253,
—Tex. 220, 308, 353, 700, 754, 766
—Utah 48—Va. 15, 27, 99, 128,
159—Wis. 79, 415—Canada 65, 199,
343, 422, 472, 492, 552, 597

BRINEY MFG. CO.

1165 Seba Rd. (P. O. Box 208)
Pontiac, Mich.
Phone: FE 4-2552
Cal. 259, 1075—Fla. 5—Ill. 467,
1224—Ind. 198, 462—Kan. 101—
Mich. 616—Minn. 296—Mo. 162,
473—Ohio 216, 644, 1166—Okla. 99
—Pa. 1239—R. I. 81—Tenn. 200—
Tex. 559—Utah 26—Wis. 280

BRISTOL CO., THE

P. O. Box 1790—TESD
Waterbury 20, Conn.
Phone: PL 6-4451
Ala. 20—Cal. 391, 1188—Colo. 34
—Conn. 419—Ga. 50—Ill. 965—
Md. 23—Mass. 54—Mich. 227—
Mo. 336—N. J. 358—N. Y. 167,
744—Ohio 508—Pa. 491, 813—
Tex. 321

BRITISH MACHINES & FOUNDRY SUPPLIES

Div. of British Industries Corp.
80 Shore Rd.
Port Washington, N. Y.
Phone: PO 7-7700
(Contact manufacturer direct)

BROOKS & PERKINS, INC.

1950 W. Fort St.
Detroit 16, Mich.
Phone: TA 5-5900
Cal. 438—D. C. 13—Mich. 223,
1055—N. Y. 751

BROWN BOGGS FOUNDRY & MACHINE CO.

275 Sherman Ave. N.
Hamilton, Canada
Phone: LI 9-6594
(Contact manufacturer direct)

BROWN-BROCKMEYER CO., THE

1000 S. Smithville Rd. - P. O.
Box 969
Dayton 1, Ohio
(Contact manufacturer direct)

BROWN CO., R. F.

140 High St.
Waltham 54, Mass.
Phone: TW 3-0509
(Contact manufacturer direct)

BROWN DIAMOND, INC.

22 Powhatan St.
Providence 9, R. I.
Phone: UN 1-7278
(Contact manufacturer direct)

BROWN ENGINEERING CO.

123 N. 3rd St.
Reading, Pa.
Phone: FR 3-4127
(Contact manufacturer direct)

BROWN & SHARPE MFG. CO. Cutting Tool Div.

140 Waterman Ave.
Centredale 11, R. I.
Phone: DE 1-5000
(See advertisement p. 311)
Ala. 158—Ariz. 37, 93, 122—Ark.
23, 27—Cal. 238, 340, 495, 668, 772,
854, 859, 948, 956, 1065, 1105, 1252,
1298, 1432, 1469, 1470, 1478, 1487,
1498, 1517, 1524—Colo. 63, 90, 103
—Conn. 25, 63, 89, 208, 235, 240,
259, 269, 281, 299, 377, 414, 427,
462, 466—Del. 7, 8—D. C. 81, 87—
Fla. 68, 93, 158, 171, 228, 253, 274,
344, 351—Ga. 82, 116, 188, 205, 233,

MANUFACTURERS

348—Hawaii 18, 29—III. 15, 20, 25, 343, 390, 445, 446, 488, 575, 578, 604, 658, 711, 827, 849, 878, 930, 957, 1093, 1123, 1157, 1195, 1266, 1284—Ind. 33, 67, 127, 412, 425, 553, 572—Iowa 21, 52, 55, 103, 166, 169, 174—Kan. 64, 85—Ky. 25, 98, 149—La. 19, 98, 101, 187, 201—Me. 26—Md. 18, 27, 30, 174—Mass. 59, 61, 133, 208, 221, 280, 281, 319, 325, 349, 500, 531, 556, 623, 670, 676, 692—Mich. 23, 32, 45, 157, 174, 212, 382, 696, 835, 862, 866, 905, 957, 1088, 1098, 1123, 1162, 1191, 1205, 1216, 1262, 1270, 1316, 1324—Minn. 13, 203, 256, 298—Miss. 43—Mo. 30, 95, 97, 119, 148, 361, 531, 587, 615—Neb. 37, 50—N. H. 17—N. J. 49, 242, 292, 379, 413, 462, 471, 494, 544, 572, 616—N. M. 15—N. Y. 65, 111, 124, 153, 240, 299, 387, 439, 490, 543, 544, 584, 600, 614, 653, 682, 756, 865, 874, 879, 934, 945, 982, 985, 1001, 1006, 1021, 1199, 1245, 1349, 1407, 1408, 1454, 1465, 1591, 1593, 1603, 1643, 1646, 1670—N. C. 33, 73, 135, 146, 176, 177, 180, 194, 199, 215, 227, 237, 246, 251—N. D. 15—Ohio 22, 105, 383, 545, 822, 979, 1092, 1093, 1161, 1208, 1216, 1391, 1419, 1486, 1519, 1550, 1552, 1641, 1684, 1715—Okla. 3, 29, 39, 129—Ore. 76, 157, 204—Pa. 33, 72, 88, 167, 188, 228, 274, 333, 346, 399, 416, 447, 503, 699, 735, 809, 815, 839, 998, 1084, 1105, 1145, 1161, 1175, 1255, 1271, 1324—R. I. 9, 20, 28, 42, 46, 52, 60, 64, 66, 67, 69, 74—S. C. 2, 4, 16, 39, 59, 80, 85—Tenn. 29, 36, 47, 170, 241, 259—Tex. 5, 33, 116, 141, 252, 476, 693, 766, 829, 891—Utah 3, 46, 82—Va. 15, 29, 59, 63, 106, 120, 146, 159—Wash. 219, 237, 245, 334—W. Va. 18, 84—Wis. 267, 299, 368, 413, 455—Canada 417

BROWN & SHARPE MFG. CO. Hydraulics Div.

235 Promenade St.
Providence 1, R. I.
Phone: DE 1-5000

Ala. 33, 158—Ariz. 37, 93, 122—Ark. 23, 27—Cal. 238, 340, 394, 495, 668, 772, 854, 859, 942, 945, 1065, 1105, 1252, 1298, 1432, 1469, 1470, 1478, 1498, 1506, 1517, 1524—Colo. 63, 90, 103, 213—Conn. 25, 69, 208, 240, 259, 269, 281, 299, 327, 377, 427, 462, 466—Del. 7, 8—D. C. 81, 87—Fla. 68, 93, 158, 171, 228, 253, 274, 344, 350—Ga. 82, 116, 188, 205, 233, 348—Hawaii 18, 29—III. 15, 20, 343, 390, 445, 446, 488, 575, 578, 604, 611, 658, 711, 827, 849, 878, 930, 957, 1093, 1123, 1157, 1195, 1266, 1284—Ind. 33, 67, 127, 412, 425, 453, 553—Iowa 21, 52, 55, 103, 166, 169, 174—Kan. 64, 85—Ky. 25, 98, 129, 149—La. 19, 98, 101, 187, 201—Me. 26—Md. 18, 27, 124, 162, 174—Mass. 59, 61, 133, 208, 221, 280, 281, 319, 325, 336, 349, 500, 531, 556, 623, 670, 676, 692—Mich. 23, 32, 45, 174, 212, 342, 382, 696, 835, 862, 866, 905, 957, 1088, 1098, 1123, 1162, 1216, 1262, 1270, 1316, 1324—Minn. 13, 203, 224, 256, 298—Miss. 43—Mo. 30, 95, 97, 119, 148, 361, 587, 615—Neb. 37, 50—N. H. 17—N. J. 49, 242, 292, 379, 413, 462, 471, 572, 616—N. M. 15—N. Y. 65, 73, 111, 124, 153, 240, 299, 387, 439, 490, 543, 544, 584, 600, 614, 653, 682, 756, 865, 879, 934, 935, 945, 982, 985, 1001, 1006, 1021, 1199, 1245, 1349, 1407, 1408, 1454, 1465, 1591, 1593, 1603, 1643, 1646, 1670—N. C. 33, 75, 84, 135, 146, 176, 199, 177, 180, 194, 215, 227, 237, 246, 251—N. D. 15—Ohio 22, 105, 383, 545, 822, 979, 1092, 1093, 1161, 1216, 1271, 1391, 1419, 1486, 1519, 1550, 1552, 1641, 1715—Okla. 3, 29, 39, 129—Ore. 76, 157, 204—Pa. 33, 72, 88, 167, 188, 228, 274, 333, 346, 399, 416, 447, 503, 699, 735, 809, 815, 839, 998, 1084, 1105, 1145, 1161, 1175, 1255, 1271, 1324—R. I. 9, 20, 28, 42, 46, 60, 64, 66, 67, 69, 74—S. C. 4, 16, 39, 59, 80, 85—Tenn. 29, 36, 47, 170, 241, 259—Tex. 5, 33, 116, 141, 252, 476, 693, 766, 829, 891—Utah 3, 46, 82—Va. 15, 29, 59, 63, 106, 120, 146, 159—Wash. 219, 237, 245, 334—W. Va. 18, 84—Wis. 267, 299, 368, 413, 455—Canada 417

BROWN & SHARPE MFG. CO. Industrial Products Div.

Promenade St.
Providence, R. I.
Phone: DE 1-5000

Ala. 158—Ariz. 37, 93, 122—Ark. 23, 27—Cal. 238, 340, 394, 495, 668, 772, 854, 859, 945, 1065, 1085, 1252, 1298, 1432, 1469, 1470, 1478, 1498, 1517, 1524—Colo. 63, 90, 103—Conn. 25, 69, 208, 240, 259, 269, 281, 299, 377, 427, 462, 466—Del. 7, 8—D. C. 81, 87—Fla. 68, 93, 158, 171, 228, 253, 274, 344, 350—Ga. 82, 116, 188, 205, 233, 348—Hawaii 18, 29—III. 15, 20, 25, 343, 390, 445, 446, 488, 575, 578, 604, 658, 711, 827, 849, 878, 930, 957, 1093, 1123, 1157, 1195, 1266, 1284—Ind. 33, 67, 127, 412, 425, 553—Iowa 21, 52, 55, 103, 166, 169, 174—Kan. 64, 85—Ky. 25, 98, 149—La. 19, 98, 101, 187, 201—Me. 26—Md. 18, 27, 162, 174—Mass. 59, 61, 133, 208, 221, 280, 281, 319, 325, 349, 500, 531, 556, 623, 670, 676, 692—Mich. 23, 32, 45, 174, 212, 382, 696, 835, 862, 866, 905, 957, 1088, 1098, 1123, 1162, 1262, 1270, 1316, 1324—Minn. 13, 203, 256, 298—Miss. 43—Mo. 30, 95, 97, 119, 148, 361, 587, 615—Neb. 37, 50—N. H. 17—N. J. 49, 242, 292, 379, 413, 462, 471, 572, 578, 616—N. M. 15—N. Y. 65, 111, 124, 153, 240, 299, 387, 439, 490, 543, 544, 584, 600, 614, 653, 682, 756, 865, 874, 879, 934, 945, 982, 985, 1001, 1006, 1021, 1199, 1245, 1349, 1407, 1408, 1454, 1465, 1591, 1593, 1603, 1643, 1646, 1670—N. C. 33, 73, 135, 146, 176, 177, 180, 194, 199, 215, 227, 237, 246, 251—N. D. 15—Ohio 22, 105, 383, 545, 822, 979, 1092, 1093, 1161, 1216, 1391, 1419, 1486, 1519, 1550, 1552, 1641, 1715—Okla. 3, 29, 39, 129—Ore. 76, 157, 204—Pa. 33, 72, 88, 167, 188, 228, 274, 333, 346, 399, 416, 447, 503, 699, 735, 815, 839, 998, 1084, 1105, 1145, 1161, 1175, 1255, 1271, 1324—R. I. 9, 20, 28, 42, 46, 60, 64, 66, 67, 69, 74—S. C. 4, 16, 39, 59, 80, 85—Tenn. 29, 36, 47, 170, 241, 259—Tex. 5, 33, 116, 141, 252, 476, 693, 766, 829, 891—Utah 3, 46, 82—Va. 15, 29, 59, 63, 106, 120, 146, 159—Wash. 219, 237, 245, 334—W. Va. 18, 84—Wis. 267, 368, 413, 455

BROWN & SHARPE MFG. CO. Machine Tool Div.

235 Promenade St.
Providence 1, R. I.
Phone: DE 1-5000

Ala. 94—Ariz. 93—Cal. 394, 1517—Colo. 63—Fla. 344—III. 25—La. 98, 201—Md. 27—Mass. 14—Mich. 226—Minn. 203—Mo. 97, 361—N. J. 578—N. Y. 1238—N. C. 136—Ohio 511—Okla. 129—Ore. 157—Pa. 815—Tex. 116, 766—Utah 46—Va. 63—Wash. 218—Canada 212

BRUBAKER TOOL CORP.

Front & Center Sts.
Millersburg, Pa.
Phone: OW 2-2113
Cal. 674—N. Y. 757

BRUCE PRODUCTS CORP.

West Blvd., N.
Howell, Mich.
Phone: 1090

Colo. 195—Conn. 262—Ga. 70—III. 113, 904, 1010—Ky. 51—Mass. 31, 652—Minn. 247—Mo. 211, 385—N. Y. 365—Ohio 1123, 1520—Okla. 24—Pa. 249, 389, 638—Wis. 34

BRUNING CO., CHARLES

1800 W. Central Ave.
Mt. Prospect, Ill.
(Contact manufacturer direct)

BRUNNER & LAY, INC.

9300 King St.
Franklin Park, Ill.
Phone: GL 5-3232

Cal. 396, 1045—III. 908—Mass. 258—N. M. 12—N. Y. 582—N. C. 3—Pa. 494—Tex. 119—Wash. 63, 379—Canada 482

BRUSH BERYLLIUM CO., THE Pennrod Div.

501 Crescent Ave.
Reading, Pa.
(Contact manufacturer direct)

BRUSH INSTRUMENTS

Div. of Clevite Corp.
37th & Perkins
Cleveland 14, Ohio
Phone: EN 1-3315

Cal. 495, 730, 937, 1306—Colo. 70—Ga. 89—III. 361, 484, 1216—Ind. 280—Kan. 101—Ky. 130—La. 201—Md. 93—Mass. 187, 623—Mich. 174, 862, 1302, 1319—Minn. 254—Mo. 135, 329—N. Y. 220, 711, 1285, 1417, 1562—N. C. 171—Ohio 287, 545, 1059, 1180, 1550—Okla. 97—Pa. 651, 834—R. I. 81—Tenn. 123—Tex. 169, 574—Wash. 253—Wis. 319, 415—Canada 431

BRYANT CHUCKING GRINDER CO.

Clinton St.
Springfield, Vt.
Phone: TU 5-2141

Ala. 129—Cal. 615, 1191—Colo. 4—D. C. 26—Fla. 358—Ga. 188—III. 885, 989, 1096—Ind. 165, 521—Ky. 58—La. 106, 190—Mich. 227, 856, 945—Minn. 101—Mo. 191, 508—Neb. 37—N. J. 529—N. Y. 217, 663, 1267, 1409—Ohio 227, 513, 602, 1390, 1600—Okla. 142—Pa. 872, 1235—Tenn. 38—Tex. 208, 601—Utah 104—Va. 120—Wash. 259—Wis. 202—Canada 222, 333, 463, 527

BUCK TOOL CO.

2015 Schippers Lane
Kalamazoo, Mich.
Phone: FI 2-0171

Cal. 616, 767, 807, 1035—Conn. 145—Fla. 272—III. 161, 1002, 1072, 1157—Ind. 223—Kan. 123—Mass. 233—Mich. 483—Minn. 124—Mo. 302—N. H. 22—N. J. 252—N. Y. 290, 784—N. C. 19—Ohio 856, 1729—Ore. 157—Pa. 418, 680—Tex. 388, 695—Wash. 64—Wis. 368

BUCKEYE BRASS & MFG. CO.

6410 Hawthorne Ave.
Cleveland 3, Ohio
Phone: HE 1-1770
(Contact manufacturer direct)

BUCKEYE TOOLS CORP.

5005 Springboro Pike - P. O.
Box 966
Dayton 39, Ohio
Phone: AX 8-5281

Ala. 140—Ariz. 28—Cal. 234, 293, 1282—Colo. 215—Fla. 199—Ga. 122—III. 449—Ind. 39, 112, 387, 556—Kan. 102—Ky. 28—La. 162—Mass. 192, 194—Mich. 228—Minn. 40—Mo. 144, 377—N. J. 201—N. M. 23—N. Y. 230, 1512—Ohio 448, 1442, 1638—Okla. 127, 143—Pa. 495, 933—Tenn. 51, 105, 242—Tex. 353, 614—Va. 64, 149—Wash. 205—Wis. 488—Canada 170

BUFFALO FORGE CO.

490 Broadway
Buffalo 5, N. Y.
Phone: CL 4587

Cal. 517—Conn. 448—D. C. 40—III. 459, 746—N. Y. 172, 1115—Pa. 1247—Tex. 322—Wash. 115—Canada 215

BUHR MACHINE TOOL CO.

839 Green St.
Ann Arbor, Mich.
Phone: NO 2-5646

Ala. 145—Cal. 545, 1191—Conn. 102—III. 465—Ind. 294—Kan. 85—Mich. 1222—Mo. 95, 488—Neb. 44—Ohio 249, 1184—Tex. 601—Wis. 279

BULLARD CO., THE

286 Canfield Ave.
Bridgeport 9, Conn.
Phone: ED 6-2511

Ala. 85—Cal. 478, 1255—Colo. 142—Fla. 272—Ga. 61—III. 981, 1034—Ind. 168, 513—La. 158, 210—Mass. 580—Mich. 231, 698—Minn. 284—Mo. 227, 569—Neb. 37—N. Y. 1463—N. C. 87—Ohio 174, 514—Okla. 165—Ore. 82—Pa. 393, 816—Tex. 244, 285, 711—Utah 46—Wash. 92—Wis. 143

BULTOOL CO., THE

10200 Grinnell
Detroit 13, Mich.
Phone: WA 5-8277

Fla. 360—Mich. 356, 587, 1295, 1324, 1354, 1373—Mo. 488—N. J. 452—Ohio 412—Okla. 24, 108—R. I. 20—Tex. 562—Wash. 64

BUNTING BRASS & BRONZE CO., THE

715 Spencer St.
Toledo, Ohio
Phone: EV 2-3451

Cal. 398, 1192—Ga. 52—III. 169—Mass. 205—Mich. 232—Mo. 64, 340—N. Y. 1658—Pa. 497—Tex. 120

BURG TOOL MFG. CO., INC.

15001 S. Figueroa St.
Gardena, Calif.
Phone: FA 1-3510
(See advertisement p. 480-481)

III. 170—Mich. 233—N. J. 500—Ohio 515

BURMASTER CORP.

13226 S. Figueroa St.
Gardena, Calif.
Phone: FA 1-2931
(See advertisement p. 299)

Ala. 94—Ariz. 38, 178—Cal. 82, 340, 453, 616, 816, 927, 994, 1077, 1080, 1298—Colo. 142—Conn. 42, 280, 343, 467—D. C. 24—Fla. 186, 272, 315—Ga. 19, 303—III. 206, 230, 437, 1033, 1141, 1169—Ind. 44, 254, 259, 280, 544, 553—Iowa 108—Kan. 46, 84—Md. 18—Mass. 199, 313, 326, 644—Mich. 225, 696, 760, 824, 862, 1103, 1222, 1292—Minn. 94—Mo. 57, 119, 339, 567—Neb. 37—N. J. 46, 267, 408—N. M. 15—N. Y. 94, 330, 445, 488, 611, 645, 657, 682, 1176, 1574—N. C. 19, 135, 187—Ohio 287, 404, 621, 842, 856, 1059, 1093, 1178, 1234, 1422, 1552—Okla. 24—Ore. 157—Pa. 13, 188, 521, 598, 1264, 1324—R. I. 69—Tex. 195, 278, 472, 766—Va. 155—Wash. 92—Wis. 250, 455

BURKLEY CO.

3429 Glendale Blvd.
Los Angeles 39, Calif.
Phone: NO 2-3111

Ala. 71—Ariz. 178—Ark. 32—Cal. 77, 79, 232, 328, 616, 810, 842, 922, 1456, 1510—Conn. 354—D. C. 82—Fla. 63—Ga. 158, 362—Idaho 10—III. 511, 867, 1157—Ind. 5, 114, 224—Iowa 88, 167—Ky. 140—Mich. 785—Minn. 109, 283—Mo. 40—N. Y. 290, 882, 1281, 1674—N. C. 254—Ohio 720, 828, 1075, 1263, 1373, 1578—Okla. 108, 129—Ore. 68, 107, 119—Pa. 133, 1129—

MANUFACTURERS

BURKLYN CO. (cont.)

R. I. 17—Tenn. 38, 111—Tex. 357
—Wash. 47, 144, 253—Wis. 388—
Canada 156

BURR & SON, INC., JOHN T.

185-26th St.
Brooklyn 32, N. Y.
Phone: SO 8-7788

(Contact manufacturer direct)

BUSH CO., J. C.

158 S. Barclay St.
Milwaukee 17, Wis.
Phone: BR 6-1412

(Contact manufacturer direct)

BUSHINGS, INC.

1701 Lehigh Ave.
Philadelphia 32, Pa.
Phone: BA 5-4102

(Contact manufacturer direct)

BUTTERFIELD DIV.

Union Twist Drill Co.

Derby Line, Vt.
Phone: TR 6-2721
Cal. 399, 1195—Colo. 226—Ill. 172
—Mich. 737—N. Y. 1093—Tex. 429
—Va. 128

— C —

C. & H. GAUGE CO., INC.

6650 San Fernando Rd.
Glendale 1, Calif.
Phone: CH 5-1036

(Contact manufacturer direct)

CABOT, INC., SAMUEL

246 Summer St.
Boston 10, Mass.
Phone: HA 6-1010
Cal. 267—Conn. 37—Ill. 770—Ind.
565—Ky. 67—Me. 16—Md. 12—
Mass. 172—Mich. 696—Minn. 267
—Mo. 559—Mont. 24—N. H. 17—
N. J. 482—N. Y. 1048—N. C. 176
—Ohio 287, 545—Okla. 115—Ore.
100—Pa. 503, 1107—R. I. 9—S. C.
39—Tenn. 36—Vt. 17—Va. 59—
Wash. 69—W. Va. 48—Wis. 85

CADILLAC GAGE CO.

P. O. Box 3806 - 25760 Groesbeck
Hwy.
Warren, Mich.
Phone: FR 7-7100

(See advertisement p. 223)

Ala. 129—Cal. 130, 763, 1105, 1241
—Colo. 4—Conn. 109—Fla. 358—
Ill. 351—Ky. 58—La. 85—Mass.
629—Minn. 198—N. J. 532—N. Y.
1184—Ohio 669—Pa. 872, 1235—
Tex. 118, 522—Utah 72—Wash. 93

CADILLAC STAMP CO.

Ryan Rd., Corner Nancy
Detroit 12, Mich.
Phone: FO 6-0509

Cal. 373, 1241—Fla. 65—Ill. 655,
868—Ind. 7—Kan. 101—Mich. 857
—Minn. 198—Mo. 162, 473—N. Y.
573—Ohio 460—Okla. 24, 99—Pa.
315—Tex. 559—Wis. 381—Canada
325, 437

CADMET CORP.

20801 Ryan Rd.
Detroit 34, Mich.
Phone: JE 9-2220
Cal. 202—Conn. 451—Ill. 576—
Ind. 224—N. Y. 1313—Ohio 1195,
1680—Pa. 624, 934—Tex. 150—
Wis. 488

CADY METAL FABRICATING, INC.

88 Schenck St.
North Tonawanda, N. Y.
Phone: JA 4145
Cal. 646—La. 85—Mass. 183—

Mich. 1391—Mo. 264—N. Y. 767—
Pa. 1032—Wash. 32—Wis. 121

CALIFORNIA BROACH CO.

664 S. Anderson St.
Los Angeles 23, Calif.
Phone: AN 3-6924
Cal. 1118, 1218—Tex. 454—Utah
100—Wash. 164

CAMDAL Precision, INC.

28300 Groesbeck Hwy.
Roseville, Mich.
Phone: PR 1-0400
Cal. 730—Ill. 100—N. J. 377

CAMLOC FASTENER CORP.

22 Spring Valley Rd.
Paramus, N. J.
Phone: HU 9-4900
Cal. 409—Ill. 919A—N. H. 24—
Tex. 430

CAMMANN MFG. CO., INC., THE

2700 Henninger Rd.
Cleveland 9, Ohio
Phone: ON 1-2550
(Contact manufacturer direct)

CAMPBELL CONTOUR ATTACHMENT CO., INC.

1320 W. Esther St.
Long Beach 13, Calif.
Phone: SP 5-3435
Cal. 249, 300, 453, 616, 1164—N. Y.
550—Wash. 218

CAMPBELL MACHINES CO.

18634 Fitzpatrick
Detroit 28, Mich.
Phone: BR 3-8366
Conn. 422—Mich. 425—N. Y. 83—
Ohio 1215

CAN PRO CORP.

19 E. McWilliams St.
Fond du Lac, Wis.
Phone: WA 1-8200
(Contact manufacturer direct)

CANTON TOOL MFG. CO., THE

P. O. Box 1635 - Pekin Rd.
East Canton, Ohio
Phone: IV 8-1251
Cal. 532—Conn. 244—Ill. 1030—
Ind. 266—Mass. 236—Mich. 988—
N. Y. 502—Ohio 1332

CAPEWELL MFG. CO., THE

60 Governor St.
Hartford 2, Conn.
Phone: JA 2-8191
Ill. 175

CAPITAL REPRODUCTIONS, INC.

835 Holden Ave.
Detroit 2, Mich.
Phone: TR 3-8750
(Contact manufacturer direct)

CARBIDE TOOL CO.

1304 Harper Ave.
Detroit 11, Mich.
Phone: TR 2-5465
(Contact manufacturer direct)

CARBIDE TOOLS CO.

344 N. 35th St.
Milwaukee 16, Wis.
Phone: CU 3-1221
(Contact manufacturer direct)

CARBIDE TOOLS INC.

4005 Brookpark Rd.
Cleveland 34, Ohio
Phone: SH 1-2053
Ala. 17—Cal. 907—Fla. 84, 175, 272
—Ill. 55—Ind. 439—Mass. 647—
Mich. 255—Minn. 209—Mo. 351—
N. Y. 254—N. C. 195—Ohio 338,
1571—Okla. 145—Pa. 963, 1105—

Tenn. 234—Tex. 251—Va. 63, 106
—Wis. 86—Canada 322

CARBORUNDUM CO., THE

Niagara Falls, N. Y.
Phone: BU 5-6631
(Contact manufacturer direct)

CARD DIV., S. W. Union Twist Drill Co.

170 Rumford Ave.
Mansfield, Mass.
Phone: ED 9-8951
Cal. 412, 1203—Ga. 54—Ill. 178—
Mich. 238A—N. Y. 763—Tex. 431

CARDINAL MACHINE CO.

1819 Dana St.
Glendale 1, Calif.
Phone: CH 5-3267
Ala. 158—Ariz. 19, 45—Cal. 82,
133, 178, 238, 297, 319, 340, 344,
473, 495, 503, 606, 700, 722, 926,
1040, 1056, 1104, 1143, 1207, 1252,
1298, 1304, 1416, 1433, 1537, 1567—
Colo. 72, 131—Fla. 184—Ill. 13,
74, 122, 361, 445, 495, 510, 1007,
1093, 1181, 1187, 1266—Ind. 89,
127, 250, 425, 448, 456, 499, 553—
Iowa 108, 130—Mass. 59, 281, 646
—Mich. 17, 382, 760, 835, 837, 979,
1232, 1381—Minn. 327—Mo. 95,
96, 361, 480, 487—Neb. 37, 44—
N. J. 122, 330, 461—N. M. 15—
N. Y. 222, 290, 682, 846, 1349—
Ohio 287, 822, 979, 980, 1092,
1161—Okla. 24, 32, 120, 129—
Ore. 91, 100, 131—Pa. 641, 1162
—R. I. 69—Tex. 116, 520, 695, 766,
—Utah 48, 82—Va. 73—Wash. 69,
87—Wis. 56, 125

CARLTON MACHINE TOOL CO., THE

2961 Meeker St.
Cincinnati 25, Ohio
Phone: KI 1-3515
Ala. 85, 196—Cal. 59, 500, 1410—
Colo. 100—Fla. 272—Ga. 61—Ill.
304—Ind. 266—Ky. 60—La. 32, 181
217—Mass. 155—Mich. 546, 988—
Minn. 284—Miss. 36—Mo. 97, 361
—Neb. 37—N. Y. 200, 655, 1356,
1538—N. C. 135—Ohio 249, 982,
1184—1569—Okla. 132—Ore. 82
Pa. 499, 790—Tenn. 56, 213—Tex.
195, 732—Utah 46—Va. 63—Wash.
132—Canada 288, 455, 496

CARNEY-STANSFIELD CO.

270 E. Hamilton St.
Allentown, Pa.
Phone: HE 5-1577
(See advertisement p. 514)
(Contact manufacturer direct)

CARPENTER STEEL CO., THE

154 W. Bern St.
Reading, Pa.
Phone: FR 4-8211
Ariz. 59—Cal. 48, 138, 414—Conn.
29, 162—Fla. 53, 352—Ga. 56—Ill.
966—Ind. 44, 175—Iowa 131—Kan.
87—Ky. 120—Mass. 193, 640—
Mich. 242, 957, 1079—Minn. 124—
Miss. 14—Mo. 97, 345—N. J. 314—
N. Y. 181, 764, 1468, 1659—Ohio
178, 521, 1136, 1548—Pa. 236, 824—
R. I. 31—Tenn. 139, 237—Tex. 525
—Wash. 72—Wis. 146

CARR LANE MFG. CO.

4200 Krause Ct.
St. Louis 19, Mo.
Phone: MI 7-6200
(See advertisement p. 21)
Cal. 51, 293, 730—Colo. 103—
Conn. 3, 55, 62, 491—Fla. 276, 322,
392—Ill. 168—Ind. 237—Iowa 49—
Kan. 2, 81—Md. 51, 90—Mass. 281,
622, 669—Mich. 325, 963, 1232—
Mo. 29, 57, 302, 549—N. J. 42, 408
—N. M. 15—N. Y. 785, 1340—
Ohio 842, 1254—Okla. 120—Pa. 75—
S. C. 59, 66—Tenn. 213, 262—Tex.
352—Utah 100—Wash. 47—Wis.
319—Canada 357

CARRIER CORP.

Carrier Parkwy.
Syracuse 1, N. Y.
Phone: HO 3-8411
Ariz. 27—Cal. 416, 1047, 1208—
Colo. 39—Conn. 163—D. C. 17—
Fla. 69, 160—Ga. 57—Ill. 180,
1089—Ind. 176—Iowa 44—Kan. 80
—La. 80—Md. 28—Mass. 56—
Mich. 108, 1146—Minn. 68—Mo.
67, 346—Neb. 23—N. J. 70—N. M.
14—N. Y. 425, 583, 765, 1244—
N. C. 23—Ohio 179, 522, 1027—
Okla. 16—Pa. 501, 825—Tenn. 126
—Tex. 124, 526, 854—Utah 27—
Va. 83—Wash. 73—Wis. 147

CARROLL-JAMIESON MACHINE TOOL CO., THE

77 Foundry Ave.
Batavia, Ohio
Phone: UL 3-4717
(Contact manufacturer direct)

CARTER CONTROLS, INC.

2800 Bernice Rd.
Lansing, Ill.
Phone: GR 4-3305
Ala. 48—Ariz. 7—Cal. 79, 85—Fla.
224—Ill. 1020—Ind. 329—Ky. 45—
Md. 73—Mass. 74—Mich. 243, 1119
—Minn. 283—Miss. 32—Mo. 252,
287—N. J. 411—N. Y. 320, 1355,
1547—Ohio 312, 670—Ore. 58—
Pa. 462, 844—S. C. 66—Tenn. 142
—Tex. 318—Utah 90—Wash. 288—
Wis. 101

CASALBI CO.

540 Wayne St.
Jackson, Mich.
Phone: ST 2-0345
Cal. 395, 1190—Conn. 96—Fla. 176
—Ga. 172—Ill. 957—Ind. 88, 338—
Iowa 2—Ky. 69—Md. 15—Mass.
244—Mich. 111, 534, 1083, 1222,
1319—Minn. 106—Mo. 337, 567—
—N. J. 104, 220—N. Y. 346, 1287,
1562—N. C. 19—Ohio 63, 479, 827,
1184, 1617—Ore. 157—Pa. 521,
1134—Tex. 151, 671—Wis. 356, 367

CASE MAUL MFG. CO., INC.

22 Harker St.
Mansfield, Ohio
Phone: LA 4-1061
Cal. 730—Conn. 339—Fla. 241—
Ga. 43—Ill. 168, 1226—Ind. 39, 61,
519—Ky. 130—Md. 90—Mich. 325,
963—Minn. 254—Mo. 302—N. Y.
355, 544, 572, 1147, 1501—Ohio 13,
378, 739, 1048, 1161, 1422, 1622—
Okla. 120—Pa. 182, 462—Tex. 116
—Wis. 106—Canada 148

CELFOR TOOL CO. Div. of Aavidson Tools & Machines, Inc.

322 S. Green St.
Chicago 7, Ill.
Phone: TA 9-5800
(Contact manufacturer direct)

CELFOR TOOL CO. Div. of Aavidson Tools & Machines, Inc.

100 Lafayette St.
New York 13, N. Y.
Phone: CA 6-7228
(Contact manufacturer direct)

CELFOR TOOL CO. Div. of Aavidson Tools & Machines, Inc.

600 W. Foothill Blvd.
Glendora, Calif.
Phone: ED 5-4091
(Contact manufacturer direct)

CENTRAL SAFETY EQUIPMENT CO.

6601 Marsden St.
Philadelphia 35, Pa.
Phone: DE 3-4788
Canada 362

MANUFACTURERS

CENTRIFUGALLY CAST PRODUCTS DIV.

The Shenango Furnace Co.
W. 3rd St.
Dover, Ohio
Phone: 4-2114

Ala. 128—Cal. 944, 1593—Colo. 127—
—Ill. 799—Kan. 103—La. 139—
Mass. 432—Mich. 651—Mo. 268,
482—N. Y. 62, 492, 816, 1413—
Ohio 860, 1310, 1488—Okla. 137—
Ore. 177—Pa. 86—Tenn. 178—
Tex. 259, 661—Canada 192

CENTURY ELECTRIC CO.

1806 Pine St.
St. Louis 3, Mo.
Phone: CE 1-4920

Ala. 23—Ariz. 86—Cal. 417, 1210—
Colo. 40—Conn. 164—Fla. 70—
Ga. 59—Ill. 191—Ind. 179—Iowa
45—La. 81—Md. 29—Mass. 57—
Mich. 246, 924—Minn. 71—Mo. 68,
348—Neb. 30—N. J. 166—N. Y.
182, 1470—Ohio 180, 523—Okla. 71.
Ore. 69—Pa. 66, 826—Tex. 126,
528—Utah 28—Va. 84—Wash. 77,
316—Wis. 148

CERRO DE PASCO SALES CORP.

300 Park Ave.
New York 22, N. Y.
Phone: MU 8-8822

(See advertisement p. 483)

Cal. 677—Colo. 127—Conn. 3—Ga.
43—Ill. 706, 1007—Kan. 103—La.
139—Mass. 115—Mich. 207, 824—
Minn. 163, 203—Mo. 268, 482—
N. M. 28—N. Y. 88, 1328—Ohio
581, 1131—Okla. 137—Pa. 585—
Tenn. 178—Tex. 259, 661, 863—
Wash. 172—Wis. 432

CHAIN BELT CO.

4701 W. Greenfield Ave.
Milwaukee 1, Wis.
Phone: EV 4-3000

Ala. 95—Cal. 53, 418—Colo. 41—
Fla. 71—Ga. 60—Ill. 192, 982—
Md. 31—Mass. 58, 503—Mich. 248,
949—Minn. 72—Mo. 69, 350—N. J.
110—N. Y. 183, 770—N. C. 30—
Ohio 181, 524—Okla. 17—Ore. 70
—Pa. 507, 827—Tex. 127, 529, 821
—Utah 29—Wash. 78—Wis. 4, 149
—Canada 449

CHAINVEYOR CORP.

5618 E. Washington Blvd.
Los Angeles 22, Calif.
Phone: RA 3-4741
Cal. 419—Fla. 72—Ill. 194—La. 82
—N. J. 106—Pa. 171

CHALLENGE MACHINERY CO., THE

1st St.
Grand Haven, Mich.
Phone: 2800
N. J. 114

CHAMBERSBURG ENGINEERING CO.

Derbyshire St.
Chambersburg, Pa.
Phone: CO 4-7151
Ala. 85, 196—Ariz. 114—Cal. 59,
642, 1119, 1410—Colo. 90—Fla. 43
—Ill. 483, 1225—La. 32, 181, 217—
Mich. 631—Miss. 36—Mo. 227, 569
—Neb. 27—N. J. 603—N. Y. 1651
—Okla. 165—Pa. 973—Tex. 116,
711—Utah 62—Wash. 218—Wis.
588

CHAMPION TOOL CO.

24060 Orchard Lake Rd.
Farmington, Mich.
Phone: KE 2-2302
(Contact manufacturer direct)

CHAMPION PNEUMATIC MACHINERY CO.

Princeton, Ill.
Phone: 3-1215
Ala. 54—Ariz. 25—Cal. 908, 1502
—Colo. 137—Fla. 138—Ga. 304
—Ill. 80, 332, 1125—Ind. 232—
Iowa 140—Kan. 39—Md. 203—
Mass. 403—Mich. 16—Minn. 46—
Miss. 34—Mo. 408—Neb. 59—N. Y.
575, 771—N. C. 171—Ohio 1360,
1367—Okla. 161—Ore. 159—Pa.
603, 1143—Tenn. 205—Tex. 338,
760, 805—Wash. 223—Wis. 431

CHANDLER TOOL CO.

514 Ohio Ave.
Muncie, Ind.
Phone: AT 8-4973
(Contact manufacturer direct)

CHARMILLES ENGINEERING WORKS, LTD.

25-20 43rd Ave.
Long Island City 1, N. Y.
Phone: EM 1-1700
(See advertisement p. 521)
(Contact manufacturer direct)

CHASE BRASS & COPPER CO.

236 Grand St.
Waterbury 20, Conn.
Phone: PL 6-9444
Cal. 420, 1519—Colo. 42—Conn.
420—Ga. 62—Ill. 196—Ind. 180—
La. 85—Md. 33—Mass. 60—Mich.
250, 925—Minn. 74—Mo. 71, 352—
N. Y. 628, 1246—N. C. 34—Ohio
182, 527—Pa. 508, 829—R. I. 33—
Tex. 129, 532—Wash. 81—Wis.
159

CHASO TOOL CO., INC.

Box 268
North Branch, Mich.
Phone: 2210
Ala. 45—Ariz. 178—Cal. 894—
Colo. 133—Ga. 303—Ill. 271—Ind.
408—La. 181—Md. 32—Mass. 542—
Mich. 464, 809—Minn. 243—Mo.
487—Neb. 50—N. J. 42—N. M. 33
—N. Y. 290, 449, 1322, 1531—Ohio
79, 256—Okla. 24—Ore. 123—Pa.
1131—S. D. 16—Tenn. 85—Tex.
762—Wash. 164—Wis. 345

CHI-CO, INC.

480 Ledge Rd.
Northfield, Ohio
Phone: IM 7-7121
Ala. 85—Cal. 532, 1255—Colo. 142
—Fla. 84, 174—Ga. 61—Idaho 12
—La. 158, 210—Mich. 576—Minn.
284—Mo. 227, 569—Neb. 50—N. C.
6, 185—Okla. 165—Ore. 96—S. C.
26—Tenn. 38, 155—Tex. 285, 679—
Utah 82—Va. 62—Wash. 132, 327
—Canada 42, 95, 165, 276, 425, 488

CHICAGO HEIGHTS STEEL CO.

1632 Wentworth Ave.
Chicago Heights, Ill.
Phone: SK 4-0484
Ala. 185—Ariz. 58—Cal. 421, 616,
674, 716, 763, 928—Colo. 195—
Conn. 490—Fla. 37, 92, 384—Ga.
82, 278—Ill. 74, 206, 214, 445, 634,
844, 868, 964—Ind. 39, 164, 519—
Iowa 12—Kan. 2, 121—Ky. 86—
La. 125, 207—Md. 90—Mass. 411
—Mich. 849, 1040, 1119—Minn. 94
—Mo. 144, 586—Neb. 23—N. J.
69, 234, 354, 392—N. Y. 100, 289,
756, 1388, 1501—N. C. 65, 89, 177,
245—Ohio 106, 320, 460, 1625, 1721
—Okla. 32, 108, 173—Ore. 123—
Pa. 188, 399, 415, 435, 871, 1131,
1266—Tenn. 58, 105, 200, 263—Tex.
14, 297, 321, 762—Va. 159—Wash.
244—W. Va. 18, 53, 90—Wis. 245

CHICAGO-LATROBE

411 W. Ontario St.
Chicago 10, Ill.
Phone: DE 7-6727
Cal. 422—Mich. 251—N. Y. 773

CHICAGO MFG. & DISTRIBUTING CO.

1928 W. 46th St.
Chicago 9, Ill.
Phone: LA 3-0800
(Contact manufacturer direct)

CHICAGO PNEUMATIC TOOL CO.

6 E. 44th St.
New York 17, N. Y.
Ala. 24—Cal. 423, 1211—Colo. 43—
Ga. 63—Ill. 202—La. 84—Mass. 62
—Mich. 252—Minn. 75—Mo. 353—
N. Y. 185, 774—Ohio 184, 530—
Okla. 73—Pa. 830, 1277—Tex. 130
535—Utah 30—Wash. 82—Wis. 152

CHICAGO QUADRILL CO.

1840 Busse Hwy.
Des Plaines, Ill.
Phone: VA 4-4196
(Contact manufacturer direct)

CHICAGO RAWHIDE MFG. CO.

1301 N. Elston Ave.
Chicago 22, Ill.
Phone: BR 8-2100
Cal. 991, 1268—Ill. 205, 875, 1090—
Ind. 181—Iowa 46—Mass. 573—
Mich. 253—Minn. 260—Mo. 73, 354
—N. J. 340—N. Y. 186—Ohio 185,
1029—Okla. 111—Ore. 71—Pa. 291,
831—Tex. 623—Wash. 83—Wis.
153

CHICAGO RIVET & MACHINE CO.

950 S. 25th Ave.
Bellwood, Ill.
Phone: LI 4-5100
Cal. 377, 1240—Colo. 188—Conn.
234—Ill. 1095—Ind. 58—Iowa 94—
Ky. 88—Mich. 517—Minn. 194—
Mo. 74—N. Y. 313, 776—Ohio 371,
848, 1567—Pa. 482, 1051—Tenn.
24, 173—Wash. 143—Wis. 163

CHICAGO RUBBER CO., INC.

651 Market St.
Waukegan, Ill.
Phone: DE 6-8900
Cal. 926, 1298—Ill. 295, 476—Ind.
177—Ky. 98—Mass. 548—Mich.
135, 529, 609—Minn. 54—Mo. 211,
488—N. H. 17—N. J. 262—Ohio
610, 754, 1729—Pa. 732—Tex. 251
—Wis. 98, 197—Canada 193

CHICAGO TOOL AND ENGINEERING CO.

8383 S. Chicago Ave.
Chicago 17, Ill.
Phone: SA 1-9675
Ariz. 37—Cal. 133, 238, 424, 473,
503, 606, 616, 757, 1298, 1407—
Conn. 43—Ill. 114, 122, 361, 488,
495—Mass. 59—Mich. 212, 760,
1389—Mo. 361, 559—N. Y. 1006,
1052—R. I. 69—Tex. 766—Utah 82
—Wash. 44—Canada 368

CHICAGO TRAMRAIL CORP.

1330 S. Kostner
Chicago 23, Ill.
Phone: CR 7-2200
Ala. 33—Colo. 17—Fla. 5—Ill. 1222
—Ind. 309—Iowa 115—La. 85—
Md. 207—Mass. 183—Mich. 681—
Mo. 393—N. J. 184—N. Y. 57, 218
—Ohio 196—Okla. 135—Pa. 779,
1207—S. C. 61—Tex. 551

CHISHOLM-MOORE HOIST DIV.

Columbus McKinnon Chain
Corp.
Fremont Ave.
Tonawanda, N. Y.
Phone: JA 2230
Cal. 1440—Ill. 210—N. Y. 775—
Ohio 531

CIBA PRODUCTS CORP.

Fair Lawn, N. J.
Phone: SW 1-1122
Cal. 471, 1288—Colo. 191—Ga. 314
—Ill. 411—Ind. 260—Kan. 118—
Ky. 94—La. 176, 214—Md. 81—
Mass. 7—Mich. 352—Minn. 252—
Mo. 236, 316—N. Y. 194, 938, 1252
—N. C. 197—Ohio 286, 664—Ore.
93—Pa. 688, 817—Tex. 349, 533,
809, 876—Wash. 127, 324

CIMCO ENGINEERING CO.

2175 W. Stadium Blvd.
Ann Arbor, Mich.
Phone: NO 3-3377
(Contact manufacturer direct)

CINCINNATI BICKFORD DIV. Ciddings & Lewis Machine Tool Co.

Cincinnati 9, Ohio
Phone: EL 1-1700
Ala. 92—Ariz. 102—Cal. 453, 1278
—Colo. 4—Conn. 476—Fla. 43—
Ga. 188—Ill. 483—Ind. 298—Kan.
91—La. 158, 199—Mass. 262—
Mich. 833—Minn. 231—Mo. 119,
429—Neb. 50—N. Y. 321, 1036,
1549—Ohio 327, 786—Okla. 97—
Ore. 179—Pa. 815, 1282—Tenn.
38, 157—Tex. 250, 752—Utah 104
—Va. 62—Wash. 259, 347—W. Va.
18—Wis. 288—Canada 422

CINCINNATI ELECTRICAL TOOL CO., THE

368 Mt. Hope Ave.
Cincinnati 4, Ohio
Phone: GR 1-8080
Cal. 554, 1394—Fla. 252—Ga. 210
—Ill. 177—Ind. 369—Kan. 28—
Mass. 555—Minn. 178—N. J. 92—
N. Y. 177, 657—Ohio 395—Ore. 50
—Pa. 976—Tex. 819—Wis. 262—
Canada 254

CINCINNATI GEAR CO., THE

Wooster Pike & Mariemont Ave.
Cincinnati 27, Ohio
Phone: BR 1-7700
Ill. 786—N. J. 197—N. Y. 384, 1631
—Ohio 903—Tex. 553—Wis. 208

CINCINNATI GILBERT MACHINE TOOL CO., THE

3366 Beekman St.
Cincinnati 23, Ohio
Phone: KI 1-4815
Ala. 87—Cal. 93, 764—Colo. 100,
142—Conn. 291—D. C. 91—Fla.
401—Ga. 90—Ill. 465—Ind. 294—
La. 171—Mass. 333—Mich. 516—
Minn. 13, 243—Mo. 448—N. Y.
257, 428, 862, 1311—Ohio 429, 689
—Okla. 129—Pa. 598, 798—Tenn.
75, 228—Tex. 208, 601—Utah 50—
Wash. 64—Wis. 279—Canada 166,
510

CINCINNATI LATHE AND TOOL CO.

4701 Marburg Ave.
Cincinnati 9, Ohio
Phone: RE 1-2121
Ala. 85, 196—Cal. 93, 764—Colo.
142—D. C. 92—Fla. 174—Ga. 19—
Idaho 11—Ill. 858—Ind. 245—Iowa
7—Kan. 85—La. 32, 181, 217—
Mass. 262—Mich. 614, 1327—Minn.
13, 284—Miss. 36—Mo. 95, 429
—Neb. 50—N. Y. 200, 654, 1356,
1574—N. C. 6, 132, 185—Ohio 63,
429—Okla. 24, 99—Ore. 96—Pa.
218, 752, 1106—S. C. 26, 63—Tenn.
38, 159—Tex. 472, 754—Utah 88—
Va. 62, 130, 185—Wash. 132, 327—
W. Va. 15—Wis. 367

CINCINNATI MILLING & GRINDING MACHINES INC.

4701 Marburg Ave.
Cincinnati 9, Ohio
Phone: RE 1-2121
Ala. 85—Ariz. 52—Cal. 532, 1106,
1255—Colo. 142—Conn. 440—Fla.

MANUFACTURERS

CINCINNATI MILLING & GRINDING MACHINES INC. (cont.)

174—Ga. 55—Hawaii 14—Idaho 12—Ill. 34—Ind. 182—La. 158, 210—Mass. 581—Mich. 1257—Minn. 284—Mo. 227, 569—Neb. 50—N. J. 286—N. Y. 188, 1472—N. C. 6, 132, 185—Ohio 191, 532—Okla. 165—Ore. 96—Pa. 833, 1231—S. C. 26, 63—Tenn. 38, 60, 157, 250—Tex. 285, 711—Utah 82—Va. 62, 130, 155—Wash. 132, 327

CINCINNATI SHAPER CO., THE

P. O. Box 111
Cincinnati 11, Ohio
Phone: DU 1-7710

(Contact manufacturer direct)

CINCINNATI SUB ZERO PRODUCTS

3930 Reading Rd.
Cincinnati 29, Ohio
Phone: PL 1-8810
Cal. 49, 494—Conn. 3—Ill. 671—Kan. 93A—Md. 198—Mo. 575—N. Y. 257, 1538—Ohio 1298—Wash. 301

CINCINNATI TOOL CO., THE

4373 Montgomery Rd.
Cincinnati 12, Ohio
Phone: RE 1-7360

(Contact manufacturer direct)

CIRCO EQUIPMENT CO.

Circo Ultrasonic Corp.

51 Terminal Ave.
Clark, N. J.
Phone: FU 8-8600
Cal. 331, 1151, 1563—Fla. 309—Ill. 1290—Mass. 270, 504—Mich. 254—Minn. 107—Mo. 81, 373—N. J. 62—N. M. 44—N. Y. 189, 1478—N. C. 81—Ohio 194, 533, 1588—Pa. 161, 509, 1270—Tex. 152, 202—Wis. 333—Canada 154, 320, 518

CIRCULAR TOOL CO., INC.

765 Allens Ave.
Providence 3, R. I.
Phone: WI 1-7600

(See advertisement p. 43)

Cal. 82—Ill. 631—Ind. 503—Mich. 214—N. J. 179—N. Y. 794, 1291—Ohio 841, 1215—Pa. 554, 871—R. I. 58—Tenn. 123—Wis. 206—Canada 601

CITY TOOL CORP.

119 Franklin St.
Dayton 2, Ohio
Phone: BA 2-9501

(Contact manufacturer direct)

CLAIR MFG. CO., INC.

1002 S. Union St.
Olean, N. Y.
Phone: 3206
Conn. 423—Ill. 476—Mo. 373—N. J. 97—Pa. 1115—Canada 193, 623

CLARK CO., ROBERT H.

9330 Santa Monica Blvd.
Beverly Hills, Calif.
Phone: BR 2-3121
Cal. 340, 1128, 1407—Fla. 384—Ill. 289, 846, 988, 1067—Ind. 164, 544—Md. 90—Mass. 391—Mo. 50, 488—N. M. 19—N. Y. 1285, 1638—Ohio 856, 1256, 1622—Okla. 108—Ore. 95—Pa. 260, 1131—Tex. 118, 352—Utah 26—Wash. 224—Wis. 16, 157

CLARK CONTROLLER CO., THE

1146 E. 152nd St.
Cleveland 10, Ohio
Phone: UL 1-2000
Ala. 25—Ariz. 34—Ark. 37—Cal. 425, 1449—Colo. 147—Conn. 141—Fla. 191—Ga. 65—Idaho 13—Ill. 46—Ind. 110, 183—Iowa 3—La. 78,

191—Md. 34—Mass. 63—Mich. 257—Minn. 128—Miss. 17—Mo. 104, 356—Neb. 24—N. M. 6—N. Y. 190, 777, 1247, 1473—N. C. 111—Ohio 10, 195, 534, 1030, 1704—Okla. 148—Ore. 156—Pa. 48, 834—Tenn. 152—Tex. 12, 121, 395, 621—Utah 85—Va. 111—Wash. 96—W. Va. 58—Wis. 155—Canada 263

CLARK EQUIPMENT CO.

Industrial Truck Div.

Battle Creek, Mich.
Phone: WO 2-6561
Ala. 121, 177—Alaska 2, 5—Ariz. 74—Ark. 22—Cal. 33, 166, 184, 388, 877, 921, 1036, 1089, 1284, 1423—Colo. 73—Conn. 309—D. C. 63—Fla. 99, 180, 285, 389—Ga. 268, 354—Hawaii, T. H. 29—Ill. 12, 213, 840, 1092, 1162—Ind. 28, 78, 297, 464—Iowa 41, 90—Kan. 99—Ky. 91—La. 86—Me. 2—Md. 96—Mass. 530, 636, 679—Mich. 256, 877, 989, 1094, 1131, 1223, 1276—Miss. 35—Mo. 155, 284—Neb. 31—N. J. 341—N. Y. 168, 569, 778, 1351, 1564—N. C. 76, 168—Ohio 444, 535, 1090, 1230, 1436, 1594, 1734—Okla. 13, 57—Ore. 34, 188—Pa. 191, 276, 578, 972—R. I. 16, 53—S. C. 10, 22, 53—Tenn. 53, 107, 209, 245—Tex. 354, 653, 811, 872—Utah 13—Va. 46, 100, 144—Wash. 173, 335, 363—W. Va. 29—Wis. 33, 434—Canada 17, 41, 116, 401, 470, 584

CLARK INDUSTRIES

Box 314
Delaware, Ohio
Phone: 2-4652
Ind. 321—Mich. 127

CLARK INSTRUMENT, INC.

10200 Ford Rd.
Dearborn, Mich.
Phone: LU 2-3636

(Contact manufacturer direct)

CLARKE SPECIALTY CO.

Box 275
Orange Park, Fla.
Phone: CO 9932
(Contact manufacturer direct)

CLAUSING DIV.

Atlas Press Co.

19-114 N. Pitcher St.
Kalamazoo, Mich.
Phone: FI 5-7157
(See advertisement p. 122)
Cal. 874—Colo. 21—Ga. 305—Ill. 109—Ind. 354, 506—Kan. 43—Md. 187—Mass. 467—Mich. 19—N. J. 546—N. Y. 1177, 1488—Ohio 1110—Ore. 129—Pa. 541—Tex. 433—Wis. 464—Canada 221

CLEARING DIV.

U. S. Industries, Inc.

6499 W. 65th St.
Chicago 38, Ill.
Phone: PO 7-8700
(See advertisement Back Cover)
Ala. 129—Ariz. 111—Cal. 59, 500, 809, 1308, 1410, 1439—Colo. 63, 100—Conn. 467—Fla. 84, 175, 344—Ill. 23, 314, 783—Ind. 201, 211—Iowa 110—Kan. 123—La. 181, 187—Md. 27—Mass. 199—Mich. 129, 215, 394, 1159—Minn. 94, 119—Mo. 96, 97, 302—Neb. 37, 42, 44—N. Y. 424, 611, 655, 1270, 1442—Ohio 309, 621, 904, 1288—Okla. 96, 132—Ore. 44—Pa. 598, 641, 1106—R. I. 69—Tex. 216, 616, 685, 766—Va. 39, 63—Wash. 92, 218—Wis. 207, 367—Canada 187, 546

CLECO AIR TOOLS

Reed Roller Bit Co.

5125 Clinton Dr. - P. O. Box 2119
Houston 1, Texas
Phone: OR 2-1761
Ala. 26—Cal. 426—Fla. 52—Ga. 66—Ill. 216—La. 9—Mich. 259—Mo. 75, 358—N. J. 344—Pa. 510, 836—Tex. 131—Canada 217

CLEERMAN MACHINE TOOL CORP.

601 Elizabeth St. - P. O. Box 757
Green Bay, Wis.
Phone: HE 7-6571
Ala. 85, 196—Cal. 93, 615—Colo. 100—Conn. 454—D. C. 91—Fla. 277—Ga. 19—Ill. 405—Ind. 280—Kan. 87—La. 32, 181, 217—Mass. 84—Mich. 346—Minn. 13, 103—Mo. 97, 361—Neb. 37—N. Y. 346, 655, 1371, 1562—N. C. 135—Ohio 249, 689, 1184—Okla. 175—Ore. 115—Pa. 499, 790—Tenn. 75, 228—Tex. 208, 601—Utah 46, 50—Va. 63, 164—Wis. 367—Canada 78, 400, 469, 583

CLEMENTINA LTD.

2277 Jerrold Ave.
San Francisco 24, Calif.
Phone: AT 2-7290

Ala. 133—Mich. 697—N. J. 488—Tex. 671

CLEMON BROTHERS, INC.

22 Cottage St.
Middletown, N. Y.
Phone: DI 3-4177

(Contact manufacturer direct)

CLEVELAND AUTOMATIC MACHINE CO., THE

4932 Beech St.
Cincinnati 12, Ohio
Phone: RE 1-5300
Ariz. 60—Cal. 545, 682, 1191—Conn. 166—Ill. 1035—Kan. 91—Mich. 260—Minn. 231—Mo. 119—Neb. 37—N. J. 530—Ohio 197, 537—Canada 80, 116, 401, 470, 584

CLEVELAND CAP SCREW CO., THE

4444 Lee Rd.
Cleveland 28, Ohio
Phone: LU 1-3000
Cal. 427, 1520—Colo. 165—Conn. 233—Ga. 67—Ill. 217—Ind. 477—Mich. 349, 1164, 1261—Minn. 166—N. Y. 780, 1490—Ohio 113, 886, 930—Pa. 511—Tenn. 24, 175—Tex. 222—Wash. 211—Wis. 188

CLEVELAND CRANE & ENGINEERING CO., THE

Cleveland Tramrail Div.

Wickliffe, Ohio
Phone: WH 3-3700
Ala. 27—Cal. 428, 1212—Colo. 45—Conn. 329—Fla. 300—Ga. 68—Ill. 218, 984, 1091—Ind. 59, 186—Ky. 43—La. 87—Md. 36—Mass. 207—Mich. 101, 262—Minn. 76—Mo. 89, 360—N. J. 245, 558, 579—N. Y. 11, 191, 1474—N. C. 35—Ohio 11, 198, 546, 1031, 1551—Pa. 187, 512, 837, 1182—R. I. 35—Tenn. 129—Tex. 132, 537—Utah 74—Va. 85—Wash. 84—W. Va. 56—Wis. 156

CLEVELAND CRANE & ENGINEERING CO., THE

Steelweld Machinery Div.

Wickliffe, Ohio
Phone: WH 3-3700
Ala. 94—Cal. 532, 1191—Conn. 476—Fla. 345—Ga. 221—Ill. 976—Ind. 360—La. 98, 207—Md. 185—Mass. 143, 241, 677—Mich. 198, 1119—Minn. 284—Mo. 227, 569—N. Y. 321, 1036, 1549—N. C. 169—Ohio 874, 1601—Okla. 165—Pa. 54, 798—Tenn. 37, 248—Tex. 195, 732—Utah 46—Wash. 261

CLEVELAND CUTTER & REAMER CO.

7400 Madison Ave.
Cleveland 2, Ohio
Phone: ME 1-4687
Cal. 894—Conn. 477—Ga. 336—Ill. 449—Ind. 409—Mass. 622—Mich. 249—Minn. 124—Mo. 484—

N. Y. 1339—Ohio 1137, 1736—Pa. 554, 871

CLEVELAND HOBGING & MACHINE CO.

1311 Chardon Rd.
Cleveland 17, Ohio
(Contact manufacturer direct)

CLEVELAND INSTRUMENT CO.

6220 E. Schaaf Rd.
Cleveland 31, Ohio
Phone: LA 4-4821

(See advertisement p. 16)

Cal. 49, 293, 503, 730, 996, 1011—Colo. 89—Ga. 55—Ill. 567—Ind. 478—Iowa 14—Mich. 754—Minn. 198—Mo. 374—N. Y. 779, 1250—N. C. 19—Ohio 1197, 1462—Pa. 383—R. I. 80—Wash. 113—Wis. 220

CLEVELAND PLANER, THE

3148 Superior Ave.
Cleveland 14, Ohio
Phone: PR 1-6142
Cal. 764—Colo. 70—Ga. 61, 229—Ill. 290—La. 171, 207—Md. 27—Mass. 262—Mich. 696—Minn. 327—Mo. 569—N. Y. 301, 1106, 1554—Ohio 631, 1275, 1617—Ore. 82—Pa. 790—Tenn. 213—Tex. 685—Utah 46—Wash. 218—Canada 606

CLEVELAND PNEUMATIC INDUSTRIES

Industrial Products Div.

2415 N. Burdick St.
Kalamazoo, Mich.
Phone: FI 5-8614
(Contact manufacturer direct)

CLEVELAND PUNCH & SHEAR WORKS CO., THE

3917 St. Clair Ave.
Cleveland 14, Ohio
Phone: HE 1-1911
Cal. 93, 764—Ill. 449—Mass. 181—Mich. 261—Minn. 243—Mo. 119, 536—Neb. 37—N. Y. 257, 573, 611, 1039—Pa. 722—Tenn. 213—Tex. 664—Wash. 236—Canada 289

CLEVELAND TAPPING MACHINE CO., THE

Brook St.
West Hartford, Conn.
(Contact manufacturer direct)

CLEVELAND TOOL & DIE CO.

30510 Lakeland Blvd. - P. O. Box 38
Willowick, Ohio
Phone: WH 4-2900
(Contact manufacturer direct)

CLEVELAND TWIST DRILL CO., THE

1242 E. 49th St.
Cleveland 14, Ohio
Phone: HE 1-3120
(See advertisement p. 34-35)
Cal. 429, 1213—Ga. 69—Ill. 219—Mich. 263—N. Y. 781—Ohio 547—Tex. 133

CLEVELAND UNIVERSAL JIG CO., THE

13404 St. Clair Ave.
Cleveland 10, Ohio
Phone: MU 1-2600
Cal. 443, 1255—Conn. 204—Ill. 728—Ind. 445—Kan. 84—Mich. 320, 1234—Mo. 546—Neb. 37—N. Y. 393, 1338—N. C. 19—Ohio 1212, 1215, 1330, 1634—Pa. 585—R. I. 56—Tenn. 123—Wash. 164

CLEVELAND WORM & GEAR DIV.

Eaton Mfg. Co.
3300 E. 80th St.
Cleveland 4, Ohio
Phone: VU 3-4560
Ala. 85—Cal. 613, 1306—Colo. 82—

MANUFACTURERS

Conn. 186—Ga. 113—Ill. 276—Ind. 239—La. 48—Mass. 64—Mich. 28, 336—Minn. 223—Mo. 66, 423—Neb. 29—N. Y. 159, 869—N. C. 51—Ohio 411, 584—Okla. 113—Ore. 54—Pa. 528, 857—Tenn. 143—Tex. 341, 640—Utah 81—Wash. 50—Wis. 190

CLIFF CO.

17 N. LeClaire Ave.
Chicago 44, Ill.
Phone: CO 1-8700
Cal. 559—Ill. 220—Mich. 107, 873, 1240—Minn. 292—Wis. 28

CLIPPARD INSTRUMENT LABORATORY, INC.

7390 Colerain Rd.
Cincinnati 39, Ohio
Phone: JA 1-4261
Ohio 199

CLIPPER DIAMOND TOOL CO., INC.

345 Hudson St.
New York 14, N. Y.
Phone: CH 2-7143
Ind. 120—Mass. 13, 620—Mich. 1097, 1283, 1284—N. J. 614—N. Y. 782, 1282, 1453—Ohio 255, 964—Pa. 43—Tenn. 123

CLOVER MFG. CO.

327 Main St.
Norwalk, Conn.
Phone: VI 7-4515
(Contact manufacturer direct)

CLOYES GEAR & PRODUCTS, INC.

17214 Roseland Rd.
Cleveland 12, Ohio
Phone: KE 1-3264
Ohio 1439

CLYDE ENGINEERING & MFG. CORP.

937 E. 10 Mile Rd.
Madison Heights, Mich.
Phone: LI 5-6040
Cal. 234, 922—Mich. 177—Minn. 103—Mo. 45—N. Y. 758—Ohio 448, 1164—Pa. 623—Wis. 346

COAST MFG. & SUPPLY CO.

Box 71
Livermore, Calif.
Phone: HI 7-1000
Cal. 296, 430—Ind. 514—Tex. 134

COASTAL ABRASIVE & TOOL CO., INC.

40-22 23rd St.
Long Island City 1, N. Y.
Phone: EM 1-0707
(Contact manufacturer direct)

CODMAN CO., F. L. & J. C.

Plain St.
Rockland, Mass.
Phone: TR 8-1000
Cal. 7—Ga. 72—Ill. 99—Mass. 12—Mich. 264, 926—Ore. 118—Pa. 189, 638

COFFEY-CUMMINS MFG. CO.

16 N. Marengo Ave.
Pasadena, Calif.
Phone: SY 3-0054
Ariz. 37—Cal. 220, 249, 340, 503, 616, 677, 894, 1040, 1241—Ill. 360—Mass. 40, 358—Mich. 711, 1103, 1109—Minn. 207—N. Y. 418, 520—1086, 1455—Ohio 667, 826, 855—Pa. 190, 589

COFFING HOIST DIV. Duff-Norton Co.

800 Walter St.
Danville, Ill.
Phone: HI 6-3800
Ala. 156—Cal. 778, 904—Colo. 90

—Ga. 46—Ill. 122—Iowa 103—N. Y. 803—Ore. 91—Tex. 678

COGSDILL TOOL PRODUCTS, INC.

12980 W. 8 Mile Rd.
Oak Park 37, Mich.
Phone: LI 6-2700
(See advertisement p. 227)
Cal. 57, 279, 413, 681—Colo. 113—Conn. 224—Ga. 55—Ill. 511, 1154—Ind. 184, 211, 236, 555—Kan. 114—Ky. 39—La. 210—Md. 25—Mass. 236—Mich. 241, 886, 1026, 1150, 1296—Minn. 175—Mo. 488, 495—N. Y. 355, 995, 1377, 1551, 1638—N. C. 19—Ohio 430, 616, 1288, 1625—Okla. 129—Ore. 35—Pa. 897, 1227—Tex. 762—Utah 3—Wis. 405—Canada 288

COGSDILL TWIST DRILL CO., INC.

Federal St. - Box 455
Greenfield, Mass.
Phone: PR 2-0621
Cal. 726—Colo. 128—Ga. 203—Ill. 978—Ind. 577—La. 117—Mass. 301—Mich. 265, 586, 720, 1279—Mo. 208—N. Y. 719, 1391—Ohio 932, 1316, 1677—Ore. 106—Pa. 724, 1186

COIL WINDING EQUIPMENT CO.

19 Maxwell Ave.
Oyster Bay, N. Y.
Phone: OY 6-1285
Cal. 765A, 1375A—D. C. 82—Ill. 334A—Ohio 1631—Pa. 1002—Wash. 280—Wis. 214

COLLINS MACHINERY CORP.

955 Monterey Pass Rd.
Monterey Park, Calif.
Phone: AN 8-1381
Cal. 95, 179, 186, 853, 932, 1033, 1034, 1054, 1057, 1059, 1066, 1219, 1403, 1418, 1420, 1425, 1446, 1462—Colo. 84—Fla. 152, 161, 340—Ga. 157—Hawaii 5, 20—Ill. 167, 418, 584—La. 146—Mich. 222—Nev. 8—N. Y. 978—Ohio 50—Ore. 83—Tex. 421, 580, 660, 781, 790, 900—Utah 70—Wash. 57, 130, 157, 198, 242, 326

COLLINS MICROFLAT CO.

3249 W. El Segundo Blvd.
Hawthorne, Calif.
Phone: OR 8-7694
Ariz. 178—Cal. 82, 133, 220, 337, 495, 532, 616, 692, 764, 996, 1080, 1298—Colo. 68—Ga. 89—Ill. 107—Ind. 406—Kan. 5, 125—Mass. 533—Mich. 754, 974, 1211—Mo. 119—N. Y. 624, 1076, 1337—Ohio 1232, 1462—Canada 570

COLONIAL ABRASIVE PRODUCTS CO.

Conshohocken, Pa.
Phone: TA 8-2500
Pa. 146, 871, 1316

COLONIAL BROACH & MACHINE CO.

Box 37, Harper Sta.
Detroit 13, Mich.
Phone: JE 6-2550
Ariz. 93—Cal. 846, 1453—Colo. 80—Conn. 101—Fla. 358—Ga. 221—Ill. 1056, 1154—Ind. 142, 485, 534—Kan. 98—Md. 185—Mass. 353—Mich. 268, 1265—Minn. 284—Mo. 495—N. J. 179—N. Y. 300, 1497—Ohio 171, 826, 855, 1186, 1648—Ore. 44—Pa. 534, 1033—Tex. 559—Wash. 218—Wis. 252—Canada 462

COLONIAL MFG. CO., INC.

600 Berkshire Ave.
Springfield, Mass.
Phone: RE 9-2533
(Contact manufacturer direct)

COLONIAL TOOL CO.

30 Wall St.
Foxboro, Mass.
Phone: KI 3-2288
(Contact manufacturer direct)

COLORADO FUEL & IRON CORP.

P. O. Box 1920
Denver, Colo.
(Contact manufacturer direct)

COLUMBIA INTERNATIONAL CORP.

10-35 44th Dr.
Long Island City 1, N. Y.
Phone: ST 4-1546
(Contact manufacturer direct)

COLUMBIA STEEL & SHAFING CO.

P. O. Box #1557
Pittsburgh 30, Pa.
Phone: WA 1-2128
Cal. 749—Conn. 441—Ill. 1064—La. 173—Mich. 1173—Mo. 257—N. Y. 193—N. C. 37—Ohio 551, 1142—Okla. 168—Pa. 417, 841, 1297—Tenn. 12—Wis. 406

COLUMBIA TOOL STEEL CO.

Lincoln Hwy. & State St.
Chicago Heights, Ill.
Phone: SK 5-5353
Cal. 433, 889—Conn. 484—Ill. 222—Ky. 84—Mich. 269, 915—Minn. 330—Mo. 362—Ohio 200, 552—Ore. 150—Pa. 203—Va. 117—Wis. 158

COMBINATION VISE & JIG CO., INC.

Oxfordville, Wis.
Phone: 9-2785
(Contact manufacturer direct)

COMET TOOL CO.

738 Broadway
New York 3, N. Y.
Phone: AL 4-5333
Cal. 319, 616—Colo. 80—Conn. 315, 392, 393—Fla. 94—Ill. 230, 434—Ind. 131—Md. 51—Mass. 59, 91, 326, 533, 660, 670—Mich. 960—Minn. 67—N. J. 75, 225, 242, 330, 346, 355, 409, 439, 476, 522—N. Y. 47, 57, 93, 94, 100, 106, 109, 117, 124, 272, 290, 449, 514, 541, 584, 593, 595, 644, 682, 704, 737, 768, 769, 821, 826, 842, 879, 935, 946, 982, 1322, 1531—Ohio 416, 1161, 1311—Pa. 182, 188, 190, 407, 503, 617

COMMANDO TOOL CO., INC.

21723 Republic Ave.—P. O. Box 90
Detroit 20, Mich.
Phone: JO 4-6743
(Contact manufacturer direct)

COMMERCIAL DIE CO.

7851 Intervale Ave.
Detroit 38, Mich.
Phone: WE 3-7104
(Contact manufacturer direct)

COMMERCIAL SHEARING & STAMPING CO.

1775 Logan Ave. - P. O. Box 239
Youngstown 1, Ohio
Phone: RI 6-8011
Ga. 75—Ill. 223—N. J. 111—Ohio 1705—Tex. 138—Utah 31

COMTOR CO., THE

47 Farwell St.
Waltham 54, Mass.
Phone: TW 4-5840-1
Ariz. 178—Cal. 57, 441—Fla. 358—Ill. 41, 980—Ind. 195—Kan. 98—Mass. 10, 227—Mich. 430—Minn. 233—Mo. 329—N. J. 583—N. Y. 343—Ohio 732, 1248—Pa. 468—Tex. 169, 574—Wis. 448—Canada 405

CONANT BROACH CO.

13747 S. Western Ave.
Blue Island, Ill.
Phone: CO 4-0400
Conn. 228—Ill. 980—Ind. 302, 328—Mass. 236—Mich. 90—Minn. 233—Mo. 466—N. Y. 824—N. C. 113—Ohio 790, 1122—Pa. 420, 1208—Tex. 610—Wis. 448

CONCENTRIC TOOL CORP.

2486 Huntington Dr.
San Marino, Calif.
Phone: AT 7-8871
Cal. 51, 133, 249, 340, 503, 606, 616, 927, 1080, 1105, 1207, 1241, 1407, 1471—Ill. 361, 1114, 1168—Ind. 1037—Md. 120—Mass. 133, 508—Mich. 849—Minn. 231—Mo. 119, 487—Neb. 37—N. Y. 418, 876—N. C. 33—Ohio 545, 1234—Ore. 110—Pa. 589, 1106—Tenn. 170—Tex. 766—Utah 48—Wash. 87—Wis. 368

CONE AUTOMATIC MACHINE CO., INC.

Everett Lane - P. O. Box 27
Windsor, Vt.
Phone: 750
Ala. 92—Cal. 93, 764—Colo. 100—Fla. 315—Ga. 18—Ill. 304—Ind. 360—La. 199—Mich. 173—Mo. 119—Neb. 37—N. Y. 651, 858—Ohio 753—Okla. 175—Tenn. 75—Tex. 116, 766—Utah 50—Wash. 164—Canada 434, 606

CONE AUTOMATIC MACHINE CO., INC.

Pilot Div.
30 Rockefeller Plaza
New York, N. Y.
(Contact manufacturer direct)

CONE-DRIVE GEARS

Div. of Michigan Tool Co.
7171 E. McNichols Rd.
Detroit 12, Mich.
Phone: TW 1-3111
Cal. 50, 821—Colo. 206—D. C. 99—Fla. 358—Ga. 80—Ill. 1292—Mass. 307—Mich. 624—Minn. 260—Mo. 164—N. J. 297, 315—N. Y. 1181—N. C. 160—Ohio 118, 1255—Ore. 199—Pa. 731, 1039—Tenn. 19, 216—Tex. 767—Wash. 299—Wis. 493—Canada 459

CONFORMING MATRIX CORP.

Toledo Factories Bldg.
Toledo 2, Ohio
Phone: CH 8-3518
Ill. 866—Ky. 59

CONICAL TOOL CO.

3890 Buchanan, SW.
Grand Rapids 8, Mich.
Phone: GL 2-4214
Ala. 45, 160—Cal. 238, 508—Fla. 184—Ga. 82—Ill. 207—Ind. 519—La. 100—Md. 51—Mass. 210, 660—Mich. 1, 40, 642, 1332, 1349—Minn. 231—Mo. 418—N. J. 42, 408—N. Y. 821, 1377—N. C. 227—Ohio 1571, 1635—Ore. 68—Pa. 839—Tex. 762—Wis. 415

CONNECTICUT INSTRUMENT CORP.

80 Danbury Rd. - P. O. Box 337
Wilton, Conn.
Phone: PO 2-5545
(Contact manufacturer direct)

CONNELLY MACHINE WORKS & AUTOMATIC STAPLER CO.

506-512 Terminal St.
Santa Ana, Calif.
Phone: KI 2-6797
Cal. 616, 1359—Conn. 72—Fla. 135—Idaho 11—Ind. 243—Mich. 815—Minn. 296—Mo. 488, 630—N. J. 46, 599—N. Y. 502, 1337—

MANUFACTURERS

CONNELLY MACHINE WORKS & AUTOMATIC STAPLER CO. (cont.)

N. C. 19—Tenn. 38—Tex. 602—Wash. 271

CONSOLIDATED CONTROLS CORP.

68 Durant Ave.
Bethel, Conn.
Phone: PI 3-6721

Ariz. 134—Cal. 123, 284, 1177—
Colo. 216—Conn. 148—Ga. 129—
Ill. 454—N. Y. 1342—Pa. 960, 1229—
Tex. 95—Wash. 220—Canada 495

CONSOLIDATED ELECTRO-DYNAMICS CORP.

Subsidiary of Bell & Howell Co.
360 N. Sierra Madre Villa
Pasadena, Calif.
Phone: MU 1-8421

(Contact manufacturer direct)

CONSOLIDATED KINETICS CORP.

1065 Dublin Rd.
Columbus 12, Ohio
Phone: HU 8-9143

Cal. 97—D. C. 32—Ind. 494—
Mass. 212—Mich. 142—N. J. 169—
Utah 81—Wash. 296—Canada 190

CONTINENTAL DRILL CORP.

555 W. Adams St.
Chicago 6, Ill.
Phone: DE 2-2776
Cal. 437—Ill. 226—N. Y. 787—
Wash. 357

CONTINENTAL MACHINE CO.

2345 W. Nelson St.
Chicago 18, Ill.
Phone: EA 7-8831

(Contact manufacturer direct)

CONTINENTAL OIL CO.

1300 S. Main—P. O. Box 2197
Houston 1, Tex.
Phone: CA 5-1511
Colo. 49—Ill. 227—Minn. 80—
Mo. 77—Mont. 7, 17—Neb. 8—
Okla. 18—Tex. 434, 541—Utah 32

CONTINENTAL SCREW CO.

459 Mt. Pleasant St.
New Bedford, Mass.
Phone: WY 3-2621
Ala. 77—Cal. 439—Colo. 50—
Conn. 129, 151—Del. 6—Fla. 155—
Ga. 318—Ill. 881—Ind. 518—Ky. 98—
La. 172—Me. 32—Mass. 442—
Mich. 272—Mo. 365—N. J. 458, 473—
N. Y. 1253—N. C. 198—
Ohio 1468—Pa. 720—R. I. 9—S. C. 19—
Tenn. 13—Tex. 142—Va. 39, 162—
Wash. 211—Wis. 387

CONTROL

A Div. of Magnetics, Inc.

Diamond St.
Butler, Pa.
Phone: 7-3787

Cal. 1003, 1032—Conn. 271—Ill. 808—
Mass. 366—Mich. 1302—N. J. 441—
N. Y. 264—Ohio 755—Pa. 807—
Tex. 518—Canada 336

CONTROL MOLDING CORP.

84 Granite Ave.
Staten Island 3, N. Y.
Phone: GI 2-8733
N. Y. 1193, 1349A

CONWAY CLUTCH CO., THE

2745 Colerain Ave.
Cincinnati 25, Ohio
Phone: MU 1-1834
Cal. 143, 1298—Ga. 232—Ill. 193—
Ind. 193, 223, 568—Mass. 202, 317—
Mich. 1136—Neb. 54—N. Y. 320,

1005, 1355, 1547—N. C. 6, 132, 185—
Okla. 43—Pa. 530—R. I. 55—
S. C. 26, 63—Tenn. 104—Tex. 358, 830—
Va. 62, 130, 155

COOK & SONS, INC., PHILIP

2327 Delaware St.
Anderson, Ind.
Phone: 2-1880
Cal. 687—Colo. 48—Ill. 677—Ind. 237—
Mass. 443—N. Y. 1113

COOK'S SONS, INC., ADAM

5 Stiles St.
Linden, N. J.
Phone: WA 5-2500
(Contact manufacturer direct)

COOLANT EQUIPMENT CORP.

Verona Ave.
Verona 6, Wis.
Phone: VI 5-6624
Cal. 235, 1315—Conn. 123, 467—
D. C. 74—Ill. 602, 741, 1195—Ind. 455—
La. 31—Mass. 421—Mich. 43, 533—
N. J. 255, 504—N. Y. 556—
Ohio 832, 1373—Ore. 179—Pa. 294—
Tex. 219—Wash. 259—
Canada 437

COOLEY ELECTRIC MFG. CORP.

38 S. Shelby St.
Indianapolis 7, Ind.
Phone: ME 8-1489
Colo. 232—Mich. 1119—Mo. 554—
N. Y. 115—Ohio 315, 705—Tenn. 59

COOPER WEYMOUTH, INC.

600 Honeyspot Rd.
Stratford, Conn.
Phone: DR 8-7314
Cal. 44, 103, 262, 642, 677, 1308—
Conn. 9—Ill. 754—Ind. 17, 185—
Kan. 86—Mich. 717, 1159—Minn. 176—
Mo. 537—N. Y. 1435—N. C. 213—
Ohio 1378—Okla. 24—Ore. 68—
Pa. 166, 206, 980, 1005, 1087—
Tenn. 170—Wis. 218—Canada 153

COPYMATION, INC.

5650 N. Western Ave.
Chicago 45, Ill.
Phone: ED 4-2200
Ariz. 5—Cal. 1, 318, 993—Colo. 38—
D. C. 50—Fla. 399—Ill. 254, 594—
Ind. 75—Iowa 178—La. 97—Md. 197—
Miss. 45—Mo. 535—N. J. 151, 232—
N. Y. 430, 1050—N. C. 181, 193—
Ohio 25, 1032—Pa. 745—
S. C. 5—Tenn. 199—Tex. 681—
Wash. 224—Wis. 348—Wyom. 8

CORTLAND GRINDING WHEELS CORP.

Chester, Mass.
Phone: FL 4-7711
Cal. 282—Ill. 292, 987—Ind. 262—
Mich. 123, 848—Minn. 54, 290—
Mo. 586—N. Y. 1361, 1583—Ohio 89, 556, 1178—
Pa. 336, 389, 1110—
S. C. 68—Tex. 443, 762—Wis. 16, 340

COSA CORP.

Chrysler Bldg., 405 Lexington Ave.
New York 17, N. Y.
Phone: YU 6-9696
(See advertisement p. 38)
Cal. 809, 1453—Conn. 241—D. C. 82—
Ill. 469—Ind. 283—Mich. 276—
Minn. 172—Mo. 126, 630—N. H. 33—
N. Y. 528, 1426, 1438—Ohio 559—
Pa. 206

COULTER MACHINE CO., THE JAMES

136 James St.
Bridgeport, Conn.
Phone: ED 3-1979
Ala. 86—Cal. 532, 1255—Ill. 304—
Ind. 338—La. 171—Mich. 380—
Mo. 95—N. Y. 173—Ohio 621, 786

—Pa. 702—Wash. 132—Canada 288

COUSE & BOLTON CO.

42-46 Lafayette Ave.
Newark 2, N. J.
Phone: MA 3-5383
(Contact manufacturer direct)

COVEL MFG. CO.

Graham Ave. at N. Shore Dr.—
P. O. Box 116
Benton Harbor, Mich.
Phone: WA 6-6157
Ala. 92—Ariz. 115—Cal. 93, 764—
Colo. 70—Conn. 292—D. C. 86—
Fla. 110—Ga. 221—Idaho 11—Ill. 405—
Ind. 263—Kan. 85—La. 100—
Mass. 238—Mich. 44, 394—
Minn. 243—Mo. 95, 302—Neb. 50, N. J. 67—
N. Y. 200, 424, 679, 1176, 1295—
Ohio 648—Okla. 97—Ore. 157—
Pa. 54, 960—Tenn. 56, 213—
Tex. 251, 695, 870—Wash. 259—
Wis. 50, 66, 144, 367—Canada 176, 288, 455, 496

CRAFTOOLS, INC.

398 Broadway
New York 13, N. Y.
Phone: WO 6-0231-2-3
(Contact manufacturer direct)

CRAFTS CO., INC., ARTHUR A.

603 Newbury St.
Boston 15, Mass.
Phone: KE 6-4180
Conn. 430—Ill. 1244—Mich. 278—
Pa. 365—Vt. 16

CRAIG TOOLS, INC.

133 Lomita St.
El Segundo, Calif.
Phone: OR 8-5538
Ariz. 37—Cal. 51, 150, 937, 1056, 1129, 1407—
Conn. 239—Fla. 276—
Ga. 336—Iowa 48—Kan. 90—Md. 90—
Mass. 17—Mich. 936—Minn. 254, 255—
Mo. 372—N. J. 539—
N. Y. 950, 1638—N. C. 141—Ohio 1122—
Okla. 138—Pa. 568—Tex. 326, 352—
Utah 26—Wash. 44, 244

CRAINE-SCHWARTZ DIAMOND TOOL CO.

8100 Lyndon
Detroit 38, Mich.
Phone: TE 4-2900
Iowa 66—Mich. 280—Ohio 348—
Tex. 118

CRALEY MFG. CO., C. C.

P. O. Box 12
Shillington, Pa.
Phone: SP 7-0931
Cal. 606, 687, 1241, 1407—Mass. 625—
Minn. 175, 231—Utah 104

CRALEY & SON, A. B.

60 Knight Ave.
Clementon, N. J.
Phone: ST 3-4332
(Contact manufacturer direct)

CRANE PACKING CO.

6500 Oakton St.
Morton Grove, Ill.
Phone: OR 4-0100
Cal. 867, 1521—Colo. 53—Fla. 50, 223—
Ga. 84—Ill. 841, 1012—Ind. 192, 517—
Iowa 149—Kan. 42—Ky. 47—
La. 11—Md. 40—Mass. 388—
Mich. 279, 929—Minn. 28—Mo. 275, 370—
N. J. 178—N. Y. 199, 380, 1255—
Ohio 203, 561—Okla. 75—
Pa. 67, 846—Tenn. 132—Tex. 16, 42, 145, 543, 783, 816—
Wash. 88—
W. Va. 23—Wis. 57, 164—
Canada 186

CRATEX MFG. CO., INC.

1600-1604 Rollins Rd.
Burlingame, Calif.
Phone: OX 7-1600
(See advertisement p. 124)
Ala. 45—Ark. 21, 23—Cal. 937,

1056, 1252, 1298, 1305, 1407, 1416, 1432, 1549—
Colo. 90—Conn. 269—
Fla. 73, 178, 206, 313, 364—
Ga. 205—
Ill. 264, 980, 1187—Ind. 91, 223, 519—
Kan. 101—La. 171—Md. 51—
Mass. 133—Mich. 963, 1064—
Minn. 107—Mo. 32, 57, 518—
Neb. 37, 50—
N. J. 351, 469—N. M. 33—
N. Y. 27, 285, 354, 442, 1562—
Ohio 27, 353, 863, 980, 1084, 1157, 1552—
Okla. 24, 138—Ore. 76, 214—
Pa. 842, 980, 1081, 1266—
S. C. 17—
Tenn. 47, 93, 176, 225—
Tex. 252, 404, 695—
Utah 3, 48—
Va. 15, 59, 120—
Wash. 253, 327, 334—
Wis. 52, 131

CRAYTON CO., F. M.

2024 S. Aiken St.
Philadelphia 42, Pa.
Phone: SA 9-0233
Conn. 254—Md. 51—Mass. 27—
Mich. 497, 705, 872, 963, 1208, 1224—
N. Y. 619, 685—Ohio 61, 1272—
Pa. 529, 554, 589, 620, 735—
Wis. 388—Canada 388

CRITERION MACHINE WORKS

765 W. 16th St.
Costa Mesa, Calif.
Phone: LI 8-7753
Ala. 45—Ariz. 37—Cal. 5, 1518—
Colo. 80—Conn. 467—Fla. 384—
Ga. 233—
Ill. 804—Ind. 223—
Iowa 113—
Kan. 84—
Mich. 654—
Minn. 124, 203—
Mo. 175—
N. Y. 682, 1274—
N. C. 89—
Ohio 460, 1191—
Okla. 108—
Pa. 568, 1076, 1131—
Tenn. 105—
Tex. 33, 353, 520—
Utah 79—
Wash. 218

CROBALT, INC.

2800 S. State St.
Ann Arbor, Mich.
Phone: NO 2-6561
Ala. 45—Cal. 154—Conn. 78, 105, 477—
Fla. 252—
Ill. 478—
Ind. 565—
Mich. 20, 1384—
Mo. 168—
N. Y. 516, 649, 744, 1150, 1645, 1651—
Ohio 499—
Ore. 123—
Pa. 163, 383—
Tex. 424, 750—
Wis. 106—
Canada 179

CRODIAN & CO.

4897 Kessler Blvd., E. Dr.
Indianapolis 20, Ind.
Phone: CL 1-6496
Ariz. 132—Cal. 373—
Ill. 168—
Ind. 102—Iowa 39—
Mich. 1039, 1119, 1286, 1345—
N. H. 323—
N. J. 437, 480—
N. Y. 409, 626—
Ohio 790, 1365, 1622—
Pa. 485, 651—
Tex. 385—
Wis. 408

CROFOOT GEAR CORP., CHAS. E.

Central
South Easton, Mass.
Phone: CE 8-2011
(Contact manufacturer direct)

CROSSBY MACHINE TOOL CO.

4916 San Fernando Rd.
Glendale 4, Calif.
Phone: CH 5-2954
(Contact manufacturer direct)

CROSS CO., THE

17801 E. 14 Mile Rd.—P. O. Box 3835
Detroit 5, Mich.
Phone: PR 1-3000
(Contact manufacturer direct)

CROZIER MACHINE TOOL CO.

684 N. Prairie Ave.
Hawthorne, Calif.
Phone: OR 8-1815
Cal. 82, 218, 238, 249, 337, 340, 358, 606, 615, 616, 807, 809, 1517—
Conn. 123, 467—
D. C. 24—
Fla. 184—
Ga. 277, 327—
Hawaii 5—
Ill. 109—Iowa 110—
Mass. 421—
N. Y. 100, 682—
Ohio 856—
Tex. 190—
Va. 135—
Canada 433, 562

MANUFACTURERS

CRUCIBLE STEEL CO. OF AMERICA

P. O. Box 2518
Pittsburgh 30, Pa.
Phone: AT 1-3800
Cal. 400, 1196—Colo. 37—Conn.
330—D. C. 14—Fla. 157, 343—Ga.
288—Ill. 231, 1150—Ind. 169—
Md. 26—Mass. 505, 549—Mich.
234, 921—Minn. 66—Mo. 342—
N. J. 596—N. Y. 178, 641, 1467—
N. C. 41—Ohio 205, 1037, 1147,
1503, 1554—Okla. 70—Ore. 65—
Pa. 185, 818, 1147—R. I. 30—Tex.
146, 545—Utah 34—Wash. 89—
Wis. 166—Canada 315, 617

CRYSTAL LAKE GRINDERS

Bur Dent Dr.-P. O. Box 286
Crystal Lake, Ill.
Phone: 301
(Contact manufacturer direct)

CULLEN & FRIESTEDT

1300 S. Kilbourne
Chicago, Ill.
Phone: CR 7-4300
(Contact manufacturer direct)

CULLEN MFG. CO.

1603 Washington Ave.
Racine, Wis.
Phone: ME 4-4772
(Contact manufacturer direct)

CUMBERLAND STEEL CO.

101 Williams St.-P. O. Box 28
Cumberland, Md.
Phone: PA 4-1370
Cal. 596, 1286—Colo. 40—Fla. 133
—Ga. 248—Ill. 187—La. 177—Me.
21—Md. 4, 67—Mass. 16, 95, 204—
N. J. 229, 237—N. Y. 322—N. C.
50—Ohio 381, 496—Pa. 482, 665,
977, 1326—R. I. 36—Wash. 176—
W. Va. 48—Canada 324, 521

CUNNINGHAM CO., M. E.

1025 Chateau St.
Pittsburgh 33, Pa.
Ala. 94, 190—Ariz. 15—Cal. 601,
1324—Colo. 174—Fla. 3, 318—Ga.
96—Ill. 315, 355, 504, 507—Ind.
79, 171—Iowa 97—Kan. 122—Ky.
79, 102—La. 148, 183—Md. 27, 45
—Mass. 506—Mich. 513, 706, 1226
—Minn. 326—Mo. 39, 438, 461,
547—Mont. 4—Neb. 72—N. J. 188
—N. Y. 241, 260, 427, 925, 1305,
1320—Ohio 16, 93, 343, 382, 525,
603, 1051, 1160, 1417, 1653, 1710—
Okla. 81, 108—Ore. 73—Pa. 200,
674, 884, 1084—Tenn. 44, 87, 110
—Tex. 141, 592—Utah 83—Va. 109
—Wash. 225, 345—Wis. 384, 449,
468—Canada 177

CUNO ENGINEERING CORP., THE

80 S. Vine St.
Meriden, Conn.
Phone: BE 7-5541
Ala. 40—Cal. 86, 1441—Colo. 107
—Conn. 242—Fla. 257—Ga. 78,
365—Ill. 233, 529—Ind. 173—Iowa
117—La. 102, 198—Mass. 434—
Mich. 342—Mo. 193, 416—Neb. 47
—N. Y. 202, 924, 1477—N. C. 248
—Ohio 206, 562—Okla. 86—Ore.
128—Pa. 50, 848—Tenn. 117—Tex.
165, 568, 796, 855—Utah 91—
Wash. 182—Canada 7, 21, 74, 109,
274, 381, 571

CURTIS MFG. CO.

Pneumatic Div.
1905 Kienlen Ave.
St. Louis 33, Mo.
Phone: EV 3-1300
(Contact manufacturer direct)

CURTIS UNIVERSAL JOINT CO., INC.

4 Blirnie Ave.
Springfield 7, Mass.
Phone: RE 7-0281
Mass. 506—Tex. 553—Wis. 404

CURTISS-WRIGHT CORP.

Princeton Div.
P. O. Box 110
Princeton, N. J.
Phone: SW 9-0500
Cal. 868—Ill. 1239

CURVIT DIV.

MacLodyne Corp.
19 Grovesnor Ave.
East Providence, R. I.
Phone: GE 8-2460
Ariz. 93—Cal. 682, 1517—D. C. 91
—Fla. 43—Ill. 1081—Ind. 235—
Mich. 988—Minn. 103—Mo. 589—
N. Y. 257, 1036—Ohio 786—
Canada 583

CUSHMAN CHUCK CO., THE

806 Windsor St.
Hartford 2, Conn.
Phone: JA 7-0741
(See advertisement p. 4)
Cal. 82, 340, 421, 473, 532, 545,
602, 723, 757, 764, 807, 1105, 1191,
1207, 1252, 1298, 1343, 1440, 1537
—Colo. 85—Conn. 504—Ga. 61,
202—Ill. 801—Ind. 425—Kan. 46—
La. 100—Mich. 399, 1355—Minn.
231—Mo. 95, 96—N. J. 523—N. Y.
1517—Ohio 366, 980, 1093, 1184,
1438, 1606—Okla. 129—Ore. 157—
Pa. 1081—Tex. 251, 472, 473, 695,
766—Wash. 69, 132, 333—W. Va.
18—Wis. 422, 429

CUSTANITE CORP.

1228 Utica Ave.
Brooklyn 3, N. Y.
Phone: UL 6-5100
Cal. 345

CUSTOM SCIENTIFIC INSTRUMENTS, INC.

541 Devon St.
Kearny, N. J.
Phone: WY 1-6403
(Contact manufacturer direct)

CYCLEDYNAMICS, INC.

19025 W. Davison Ave.
Detroit 4, Mich.
Phone: BR 3-3700
Ill. 215—Mich. 438—Mo. 396—
N. Y. 320, 1355, 1547—Ohio 176,
999

— D —

DCMT SALES CORP.

Div. of British Industries Corp.
80 Shore Rd.
Port Washington, N. Y.
Phone: PO 7-7700
(Contact manufacturer direct)

D & M GUARD CO.

897 Military Rd.
Buffalo 17, N. Y.
Phone: BE-6425
Cal. 465, 616—Hawaii 12—Ill. 698,
760, 811—Mich. 212, 1001, 1135—
Mo. 523, 544—N. J. 118, 407—
N. Y. 128, 149, 254, 335, 729, 1006,
—Ohio 872, 1544, 1571—Pa. 506,
578, 1070, 1267—S. C. 33—W. Va.
63—Canada 402

DACO INSTRUMENT CO.

Tillary & Prince Sts.
Brooklyn 1, N. Y.
Phone: UL 5-8350
(Contact manufacturer direct)

DAHLSTROM MACHINE WORKS, INC.

4227 Belmont St.
Chicago 41, Ill.
Phone: SP 7-3670
Cal. 258, 1447—Ill. 957—Mich. 394
—Mo. 494—N. Y. 301, 655—Ohio
175—Okla. 24

DAKE CORP.

638 Robbins Rd.
Grand Haven, Mich.
Phone: 2674
Cal. 1019—Colo. 21—Ga. 359—
Ill. 109—Kan. 59—Mich. 899,
1138, 1292—N. J. 114—Ohio 1454
—Ore. 35—Tex. 433—Wis. 464—
Canada 221

DAKON CORP.

1836 Gifford Ave.
New Hyde Park, N. Y.
Phone: PR 5-5525
(Contact manufacturer direct)

DALZEN MFG. CO.

4600 Bree Rd.
St. Clair, Mich.
Phone: Detroit WO 3-9632
(Contact manufacturer direct)

DANFORTH CO., THE C. W.

101 E. Indianola Ave.
Youngstown 7, Ohio
Phone: ST 8-5365
(Contact manufacturer direct)

DANLY MACHINE SPECIALTIES, INC.

2100 S. Laramie Ave.
Chicago 50, Ill.
Phone: BI 2-1800
(See advertisement p. 25, 498)
Cal. 473—Colo. 80—Fla. 43, 350—
Ga. 43—Ill. 483—Ind. 227—Iowa
25, 52, 113—Kan. 98—Mass. 59—
Mich. 286, 833, 933—Minn. 330—
Mo. 138, 226, 361—Neb. 37—N. Y.
586, 1036, 1259—N. C. 135—Ohio
567, 1152—Okla. 24—Pa. 517, 1282
—Tenn. 139, 227—Tex. 116, 250,
660, 661—Va. 63—Wash. 132—
Wis. 68, 169

DARWIN & MILNER, INC.

2222 Lakeside Ave.
Cleveland 14, Ohio
Phone: MA 1-9655
Cal. 677—Conn. 345—Fla. 252—
Ill. 818—Ind. 438—Mich. 792—
Mo. 610—N. Y. 386, 998—Ohio
683, 1039, 1659—Pa. 975, 1189—
Wis. 30

DAUB & CO., INC. HAROLD

2 W. 46th St.
New York 36, N. Y.
Phone: PL 7-5595
(Contact manufacturer direct)

DAVIDSON OPTRONICS, INC.

2223 Ramona Blvd.
West Covina, Calif.
Phone: ED 7-7281
Mass. 364—Pa. 295—Wash. 218—
Wis. 189

DAVIS DIV.

Giddings & Lewis Machine Tool Co.
475 S. Seymour St.
Fond du Lac, Wis.
Phone: WA 2-6700
(See advertisement p. 490)

Ala. 92—Cal. 453, 1278—Colo. 4—
Conn. 489—Fla. 43—Ga. 188—Ill.
467, 1224—Ind. 445, 462—Kan. 101
—La. 100, 199—Mich. 833—Minn.
231—Mo. 162, 473—Neb. 50—N. J.
179—N. Y. 1557—Ohio 327, 786
—Okla. 97—Ore. 179—Pa. 89, 992
—Tenn. 38, 157—Tex. 353, 752—
Utah 104—Va. 62—Wash. 259, 347
—Wis. 280—Canada 25, 78, 168,
400, 469, 583

DAVIS GAGE & ENGINEERING CO., A. G.

21435 Dequindre
Hazel Park, Mich.
Phone: JO 4-5816
Ala. 6—Cal. 26, 894—Colo. 89—
Conn. 101—Fla. 324—Ill. 189—
Ind. 3—Ky. 117—Md. 181—Mass.
353—Mich. 1053—Minn. 226—

N. Y. 573, 779—Ohio 1137, 1505
—Pa. 160—Tenn. 105—Wis. 319—
Canada 372

DAVIS KEYSEATER CO.

Div. of Hansford Mfg. Corp.
3111 Winton Rd. S.
Rochester 23, N. Y.
Phone: GR 3-3660
Cal. 764—Ga. 61—Ill. 483—Ind.
17—Md. 196—Mich. 833—N. Y.
636, 1538, 1562—N. C. 33—Ohio
32, 327, 786—Pa. 13, 543, 585, 992
—Tex. 695—Wash. 295—Canada
433

DAVIS & THOMPSON CO.

4460 N. 124th St.
Milwaukee 18, Wis.
Phone: HO 6-3350
Cal. 1447—Ill. 465—Ind. 294—
Mich. 289, 1034—N. J. 104—N. Y.
1578—Ohio 634, 1577—Pa. 722,
1083—Wis. 279—Canada 462

DAWSON CARBIDE INDUSTRIES, INC.

Subsidiary Harrisville Tool Co.
13301 E. 8 Mile Rd.
East Detroit, Mich.
Phone: LA 7-6000
(See advertisement p. 123)
Ill. 948—Ind. 328—Mich. 236, 1180
—Mo. 33—N. Y. 373—Ohio 1215

DAWSON TOOL COMPANY

13301 E. 8 Mile Rd.
East Detroit, Mich.
Phone: LA 7-2576
Ill. 948—Ind. 328—Mich. 236, 1180
—Mo. 33—N. Y. 373—Ohio 1215

DAYSTROM, INC.

Weston Instruments Div.
614 Freilinghuysen Ave.
Newark 12, N. J.
Phone: BI 3-4700
Ariz. 86—Ark. 28—Cal. 285, 800,
1220—Colo. 147—Conn. 249—D. C.
20—Fla. 124, 284—Ga. 245—Ill.
242—Iowa 17—La. 95, 213—Md.
205—Mass. 574—Mich. 290—
Minn. 211—Miss. 33—Mo. 25, 392
—N. J. 581—N. Y. 207, 400, 568,
799, 1260—N. C. 111—Ohio 211,
571, 1154—Okla. 153—Pa. 275, 518,
835—Tenn. 74, 204—Tex. 12, 121,
552—Va. 111—Wash. 94—Wis.
171

DAYTON CARBIDE TOOL CO., INC.

213 Bruen St. - Box 906
Dayton 1, Ohio
Phone: BA 2-0942
(Contact manufacturer direct)

DAYTON PERFORATORS, INC.

1336 Stanley Ave.
Dayton 4, Ohio
Phone: BA 3-3241
Cal. 415, 1255—Conn. 334—Fla.
384—Ill. 569—Ind. 243, 465—Ky.
42—Md. 51—Mass. 615—Mich.
705, 849, 936—Minn. 67—Mo. 273
—N. J. 506, 582—N. Y. 1377, 1540
—N. C. 49—Ohio 572, 1158, 1180,
1635—Pa. 554, 943, 1304—Tenn.
262—Wis. 388—Canada 380

DAZOR MFG. CORP.

4481-99 Duncan Ave.
St. Louis 10, Mo.
Phone: OL 2-2400
(Contact manufacturer direct)

DE LAVAL SEPARATOR CO., THE

25 Columbia St.
Poughkeepsie, N. Y.
Phone: GL 2-1000
Cal. 455, 833—Colo. 56—Fla. 402
—Ga. 337—Ill. 244, 1019—La. 119
—Mass. 69—Mich. 292—Minn. 29
—N. J. 112—N. Y. 489—Ohio 573
—Pa. 51—Tex. 153, 554—Wash. 95

MANUFACTURERS

DE SILVEY CORP., THE

200 Pennsylvania Ave.
East Aurora, N. Y.
Phone: CY 3300
Cal. 708—Conn. 350, 366—Mass.
292—N. J. 612—N. Y. 1037, 1430
—Ohio 92—Pa. 1201

DE VAN-JOHNSON CO.

567 Rathbone Ave.
Aurora, Ill.
Phone: TW 2-4269
Cal. 573, 1272—Colo. 201—Fla.
249—Ill. 183, 934—Md. 121—Mass.
382—Mich. 787—Minn. 73—Mo.
501—N. Y. 1010—Ohio 120—Pa.
1098—S. C. 78—Tenn. 254, 264—
Tex. 342—Wash. 158

DEAKIN & SON, J. A.

31 Roseland Ave.
Caldwell, N. J.
Phone: CA 6-9595
(Contact manufacturer direct)

DEARBORN GAGE CO.

32330 Ford Rd.
Garden City, Mich.
Phone: GA 4-0800
(See advertisement p. 229)
Ariz. 110—Cal. 1186, 1588—Colo.
36—Conn. 334—Fla. 156—Ill. 141,
1186—Ind. 473—Iowa 31—Ky. 130
—Mass. 648—Mich. 411, 895, 1330
—Minn. 233—Mo. 209—N. J. 437
—N. Y. 573, 1250—N. C. 19—Ohio
935, 1137, 1597—Pa. 160—Tenn.
200—Tex. 150—Va. 73—Wash. 44
—Wis. 289—Canada 311

DECHERTS MACHINE SHOP, INC.

713 W. Main St.
Palmyra, Pa.
Phone: TE 8-9431
Ill. 1037—Ind. 389—La. 98, 201—
Mich. 1301—Mo. 549—N. J. 348
—N. Y. 1356—N. C. 153—Ohio 32
—Pa. 1115—R. I. 40

DECKER CORP., THE

45 Monument Rd.
Bola Cynwag, Pa.
Phone: MO 4-6700
Cal. 1221—Mass. 364

DEFIANCE MACHINE & TOOL CO.

1920 S. Vandeventer Ave.
St. Louis 10, Mo.
Phone: PR 3-0567
Ala. 166—Cal. 591, 1426—Ill. 1252
—Mass. 512—Mich. 751, 873, 1225
—N. J. 499—N. C. 19—Ohio 1001
Pa. 613—Wash. 360—Canada 152,
246

DEKALB PRECISION INDUSTRIES

Sycamore Rd.
DeKalb, Ill.
Phone: 6-2661
Conn. 277—Ill. 737, 854, 878, 1148
—Ind. 468—Iowa 66—Mich. 974—
N. Y. 1334—Pa. 1172

DEL'S TUMBLING SERVICE

232 N. Rosemary
Dearborn 6, Mich.
Phone: LO 2-5537
(Contact manufacturer direct)

DELCO PRODUCTS

Div. of General Motors Corp.
329 E. 1st St.
Dayton 1, Ohio
Phone: CL 2-6511
Cal. 456, 896—Ill. 245—Mich. 293
—Mo. 265—N. J. 560—Ohio 574

DELTA DIAMOND WHEEL CORP.

1403 Utica Ave.
Brooklyn 3, N. Y.
Phone: IN 9-4624
(Contact manufacturer direct)

DELTA FILE WORKS, INC.

4837 James St.
Philadelphia 37, Pa.
Phone: JE 5-6234
(Contact manufacturer direct)

DELTA POWER TOOL DIV. Rockwell Mfg. Co.

400 N. Lexington Ave.
Pittsburgh 8, Pa.
Phone: CH 1-8400
Cal. 941—Ga. 216—Ill. 632—N. Y.
466—Canada 175

DELUXE SAW & TOOL CO.

500 E. Main St.
Louisville 2, Ky.
Phone: JU 7-0501
Fla. 278—Ga. 213—Ill. 665—Mass.
647—Mich. 668—Minn. 209—Miss.
21—Mo. 576—N. Y. 413—N. C. 207
—Ohio 876—Ore. 20—Wis. 300

DELUXE SERVICE TOOL CORP.

1108 Grand Ave.
North Bergen, N. J.
Phone: UN 6-4630
Del. 7—Ill. 665—La. 125—Md. 98
—N. J. 42, 354—N. Y. 729—Pa.
590, 622

DEMPSTER BROTHERS, INC.

Springdale Ave.
Knoxville 17, Tenn.
Phone: 4-1671
Ala. 149—Ariz. 73—Cal. 401—Fla.
120—Ga. 27—Hawaii 10—Kan. 77
—Ky. 40—La. 40—Md. 201—
Mich. 646—Minn. 324—Mo. 264,
306—N. H. 3—N. J. 192—N. Y.
910, 1116—N. C. 255—Ohio 165,
726—Ore. 188—Pa. 374—Tenn.
149—Tex. 591—Utah 74—Wash. 71
—W. Va. 37—Canada 38, 310

DENISON ENGINEERING DIV.

American Brake Shoe Co.
1160 Dublin Rd.
Columbus 16, Ohio
Phone: HU 8-1191
Cal. 247—Conn. 227—Ga. 91—Ill.
246—Ind. 200—Mass. 539—Mich.
1034, 1371—Minn. 122—Mo. 375—
N. J. 63—N. Y. 1183—Ohio 575,
1162—Okla. 80—Pa. 366, 377—
Tex. 154, 236, 556—Wis. 218—
Canada 19, 33, 444, 582

DENISON MFG. CO., R. B.

386 Broadway
Bedford, Ohio
Phone: BE 2-8200
Cal. 553—Ga. 80—Ill. 316—Mass.
74—Mich. 512—Mo. 463—N. J.
182—N. Y. 1347—Ohio 157, 611—
Pa. 8, 835—Tenn. 19—Tex. 270—
Canada 136

DERBYSHIRE INC., F. W.

157 High St.
Waltham 54, Mass.
Phone: TW 4-2900
Ariz. 58—Cal. 499, 532, 809, 971—
Colo. 100—Conn. 256, 283, 467—
Ill. 716—Ind. 254—Mass. 618—
Minn. 119—N. J. 104, 211, 219,
255, 351, 409, 615—N. Y. 196, 611,
682, 958, 1037—Ohio 1101—Okla.
129—R. I. 69—Tex. 290—Va. 39

DERY & SONS TOOL & DIE CO., A. L.

Pine Meadow, Conn.
(Contact manufacturer direct)

DESIGNERS FOR INDUSTRY, INC.

4241 Fulton Parkwy.
Cleveland 9, Ohio
Phone: SH 9-0700
Colo. 35—D. C. 22—Fla. 291—Ill.
853—Me. 24—Mass. 256—Mich.
793—Mo. 451—N. Y. 457, 1393—

Ohio 1374—Pa. 1276—Tex. 233—
Wash. 103—Canada 578

DESMOND-STEPHAN MFG. CO., THE

Urbana, Ohio
Phone: 3-2181
Cal. 467, 905—Colo. 159—Ill. 714
—La. 73—Mass. 605—Minn. 249—
N. Y. 815—Tenn. 269—Tex. 391—
Wash. 234

DETREX CHEMICAL INDUSTRIES, INC.

14331 Woodrow Wilson-P. O.
Box 501
Detroit 32, Mich.
Phone: TO 8-8600
Cal. 460—Ga. 92—Ill. 248, 1261—
Ind. 63, 202—Mich. 297—Mo. 82,
378—N. J. 145—N. Y. 208, 1482—
Ohio 214, 579, 1040, 1560—Pa. 523,
853—R. I. 39—Tex. 155—Wis. 176

DETROIT ABRASIVES CO.

11910 Dexter-Chelsea Rd.
Chelsea, Mich.
Phone: GR 5-5951
(Contact manufacturer direct)

DETROIT BEVEL GEAR CO. Div. of NAPCO Industries, Inc.

8130 Jos. Campeau
Detroit 11, Mich.
Phone: TR 2-0200
(Contact manufacturer direct)

DETROIT BROACH & MACHINE CO.

950 S. Rochester Rd.
Rochester, Mich.
Phone: OL 1-9211
Ala. 45—Cal. 26—Colo.*63—Ga.
61—Ill. 802—Ind. 211—Kan. 101—
Ky. 130—La. 181—Mass. 121—
Mich. 76, 891—Minn. 198—Mo.
162, 473—N. J. 354—N. Y. 364,
1382—Ohio 840, 1288, 1523—
Okla. 138—Pa. 118, 1135—R. I. 81
—Tenn. 123—Tex. 353—Wis. 250
—Canada 288

DETROIT CAM & TOOL CO.

2305 Goodrich Ave.
Ferndale 20, Mich.
Phone: VO 4-5732
(Contact manufacturer direct)

DETROIT CONTROLS DIV.

American-Standard Corp.
5900 Trumbull Ave.
Detroit 8, Mich.
Phone: TR 2-0300
(Contact manufacturer direct)

DETROIT FLAME HARDENING CO.

17644 Mt. Elliott
Detroit 12, Mich.
Phone: TW 1-2936
Ind. 14

DETROIT MOLD ENGINEERING CO.

6686 E. McNichols Rd.
Detroit 12, Mich.
Phone: TW 1-1300
(See advertisement p. 126)
Cal. 461—Ill. 249—Mich. 301—
N. J. 213—Ohio 566, 1150—
Canada 317

DETROIT POWER SCREWDRIVER CO.

2801 W. Fort St.
Detroit 16, Mich.
Phone: TA 5-3070
Ala. 85—Cal. 872, 922—Conn. 308
—Fla. 39—Ill. 1033—Ind. 384—
Ky. 132—Mich. 503, 978—Minn.
184—Mo. 433—N. Y. 294, 929, 1325
—N. C. 254—Ohio 112, 440, 749,
1694—Pa. 549, 798—Tenn. 157—
Tex. 195—Wis. 267—Canada 44,
176, 288, 455, 496

DETROIT REAMER & TOOL CO.

780 W. Maple Rd.-P. O. Box 174
Birmingham, Mich.
Phone: JO 6-7982
Cal. 827, 1518—Conn. 402—Fla. 5
—Ga. 336—Ind. 142, 510—Ky. 60
—Mich. 94, 950—N. Y. 230
—Ohio 460—Pa. 428, 1268—Tex. 336
—Wash. 218

DETROIT STAMPING CO.

350 Midland Ave.
Detroit 3, Mich.
Phone: TO 8-5080
(See advertisement p. 121)
Ala. 36—Ariz. 103—Cal. 199, 812,
1064, 1396—Colo. 19—Conn. 339—
Fla. 384—Ga. 205—Ill. 578, 1177—
Ind. 102, 230, 555—Iowa 21, 55, 103,
169—Kan. 90—Ky. 83—Mass. 358,
535—Mich. 296—Minn. 203—Mo.
97, 138, 495—N. J. 437—N. Y. 319,
685, 1377, 1514—Ohio 378, 581,
690, 1167, 1555—Ore. 206—Pa.
190, 544, 1033—R. I. 28—Tenn.
170, 227—Tex. 353, 559—Utah 3—
Va. 73—Wash. 304, 350—Wis. 415
—Canada 434, 477, 606

DETROIT TAP & TOOL CO.

8615 E. 8 Mile Rd.
Warren, Mich.
Phone: JE 6-3580
Cal. 431, 894—Conn. 101—Fla. 40
—Ga. 221—Hawaii 26—Ill. 1056,
1154—Ind. 142, 485, 534—La. 181
—Md. 25—Mich. 895, 936, 1104—
Minn. 91—Mo. 495—N. J. 179—
N. Y. 300, 1418—Ohio 171, 460,
826, 1186, 1648, 1685—Okla. 138—
Pa. 1056—Wis. 252

DETERBERG, LESTER G.

1434 N. Western Ave.
Chicago 22, Ill.
Phone: AL 2-7171
Ariz. 105

DEVCON CORP.

Endicott St.
Danvers, Mass.
Phone: SP 4-1990
(See advertisement p. 232)
Ala. 45, 196—Ariz. 81—Cal. 273,
319, 344, 606, 616, 706, 772, 797,
926, 1094, 1144, 1241, 1326, 1347,
1479—Colo. 72, 168—Conn. 244,
264, 318, 393, 491—Del. 7—D. C.
24—Fla. 73, 84, 206, 272, 350—Ga.
82, 116, 303, 354—Hawaii 15—
Idaho 30—Ill. 74, 267, 361, 445,
578, 839, 849, 926, 930, 1093, 1157,
1263—Ind. 33, 425, 537—Kan. 40,
121—Ky. 83—La. 181, 207, 217—
Me. 25—Md. 106—Mass. 10, 20, 59,
208, 319, 325, 660—Mich. 270, 322,
453, 862, 936, 1103, 1123, 1222, 1391
—Minn. 13, 94, 265—Mo. 29, 57,
390, 441, 487—Neb. 50—N. J. 37,
137, 273, 409, 425, 475, 523, 575—
N. M. 33—N. Y. 57, 124, 347, 488,
520, 610, 682, 769, 1133, 1245, 1535,
1593—N. C. 135, 185—Ohio 22, 69,
401, 641, 690, 894, 979, 992, 1068,
1093, 1235, 1252, 1571, 1641—Okla.
2, 24, 63—Ore. 91, 165—Pa. 99,
188, 349, 503, 632, 648, 884, 903—
R. I. 28, 42—S. C. 26—Tenn. 27,
73—Tex. 22, 50, 326, 340, 472, 481,
700, 744, 822, 829—Utah 61, 80—
Va. 62, 155—Wash. 69, 87, 238—
Wis. 68, 89, 415—Canada 75, 206,
312, 343, 440, 568, 606, 618

DeVILBISS CO., THE

300 Phillips Ave.
Toledo 1, Ohio
Phone: GR 4-5411
Cal. 462, 1404—Ga. 93—Ill. 250—
Ind. 64, 203—Md. 192—Mich. 305,
940—Minn. 85—Mo. 83, 379—N. J.
531—Ohio 215, 580, 1165—Pa. 524,
854—Tex. 156—Wis. 177

DeVlieg Machine Co.

Fair St.
Royal Oak, Mich.
Phone: LI 9-1100
(See advertisement inside Front Cover)

MANUFACTURERS

Ala. 129—Cal. 478, 1255—Colo. 100—Fla. 401—Ga. 90—Ill. 465—Ind. 294—Kan. 87—La. 85—Mass. 195—Mich. 593—Minn. 94—Mo. 97, 546—Neb. 37—N. J. 71—N. Y. 170, 1311, 1538—N. C. 87—Ohio 249, 631, 1184, 1466—Okla. 132—Ore. 82—Pa. 702, 1049—Tenn. 75, 228—Tex. 118, 522—Utah 50—Wash. 92—Wis. 279

DeVlieg Microbore Div. DeVlieg Machine Co.

Fair St.
Royal Oak, Mich.
Phone: LI 9-1100
Ala. 129—Cal. 687, 1407—Colo. 100—Conn. 224—Fla. 401—Ga. 90—Ill. 1046—Ind. 2—Kan. 87—La. 85—Mass. 236—Mich. 705—Mo. 97, 546—Neb. 37—N. Y. 355, 678, 1377—N. C. 87—Ohio 1005, 1116, 1466—Okla. 132—Ore. 82—Pa. 1135, 1227—S. C. 66—Tenn. 75, 228—Tex. 118, 522—Utah 50—Va. 7—Wash. 92—Wis. 106

DEWALT DIV. American Machine and Foundry Co.

Fountain Ave.
Lancaster, Pa.
Phone: EX 3-5831
Ala. 158, 195—Conn. 294—Del. 7—D. C. 94—Fla. 84, 366—Ga. 247, 352—Ill. 563—Ind. 281—Kan. 123—Ky. 123—Md. 127—Mass. 79—Mich. 394—Miss. 429—Neb. 37—N. J. 343—N. Y. 254, 703—Ohio 22, 236, 1571, 1729—Okla. 129—Pa. 500—R. I. 69—Tenn. 177—Tex. 251

DEWILDE-JONES, INC.

1476 18th Ave.-P. O. Box 231
San Francisco 1, Calif.
Phone: LO 4-8517
Cal. 345

DEXCO CORP.

Raymac Div.
15490 Dale Ave.
Detroit 23, Mich.
Phone: KE 5-9440
(See advertisement p. 62)
Ariz. 37—Cal. 249, 1518—Colo. 97—Conn. 224—D. C. 32—Ga. 144—Hawaii 27—Ill. 630, 1205—Ind. 102—Md. 90—Mass. 236—Mich. 285, 632, 978, 1306, 1307—Minn. 213—N. H. 21—N. J. 173—N. Y. 456, 649, 1155—Ohio 450, 1592—Ore. 68—Pa. 934, 980—Tex. 424—Wash. 244—Wis. 303—Canada 148

DI-DRO ENGINEERING CO.

2405 E. Grand Blvd.
Detroit 11, Mich.
Phone: TR 2-6500
(Contact manufacturer direct)

DI-TRU DIAMOND TOOL CO.

38-16 11th St.
Long Island City 1, N. Y.
Phone: EM 1-9680
(Contact manufacturer direct)

DIACRAFT, INC.

26538 W. 7 Mile Rd.
Detroit 40, Mich.
Phone: KE 3-9232
Mass. 15—Mich. 411, 773—N. J. 175—N. Y. 573, 1652—Ohio 1196, 1408—Pa. 1132

DIALIGHT CORP.

60 Stewart Ave.
Brooklyn 37, N. Y.
Phone: HY 7-7600
(Contact manufacturer direct)

DIAMOND PRODUCTIONS, INC.

64 W. 2nd St.
Clifton, N. J.
Phone: GR 1-2820
Conn. 4—Ill. 406—Mich. 78—N. J. 389—Ohio 416—Pa. 383—Canada 519

DIAMOND PRODUCTS, INC.

333 Prospect Ave.
Elyria, Ohio
Phone: FA 3-4616
(Contact manufacturer direct)

DIAMOND SAW WORKS, INC.

Chaffee, N. Y.
Phone: CH 7406
Ala. 125—Cal. 413, 442, 616, 788, 978, 1079, 1205—Conn. 343—Fla. 169—Ill. 251, 427, 1257—Ind. 102, 206—Kan. 100, 102—Ky. 24, 28—Md. 48—Mass. 40, 337—Mich. 37, 123, 738, 1194, 1250—Minn. 178—Mo. 160, 244, 506—N. J. 275—N. M. 46, 48—N. Y. 347, 804, 1408, 1450, 1501—N. D. 3—Ohio 13, 49, 100, 246, 545, 1716—Okla. 125—Ore. 10, 106—Pa. 56, 423, 1131, 1266—Tex. 294, 424, 635, 840—Wash. 93—Wis. 363, 455

DIAMOND TOOL CO.

246 Broadway
South Haven, Mich.
Phone: 964
(Contact manufacturer direct)

DIAMOND TOOL RESEARCH CO., INC.

380 2nd Ave.
New York 10, N. Y.
Phone: GR 5-3530
Ala. 98, 161, 165, 171—Ariz. 122—Cal. 374, 649, 1430, 1479, 1595—Conn. 142, 428—D. C. 92—Fla. 100, 184—Ga. 82, 188, 233, 331—Ind. 172, 408—Ky. 23—Md. 120, 175—Mass. 362—Mich. 1076—Minn. 284—Mo. 144—N. Y. 272, 355, 442, 1245, 1377, 1501, 1504, 1535, 1574, 1646—N. C. 113—Ohio 167, 450, 1121, 1391—Pa. 166, 525, 595, 1028, 1175, 1246—Tenn. 38—Tex. 287—Vt. 19—Va. 39, 51, 90, 153—Wash. 13, 167

DIAMOND WHEEL INDUSTRIES, INC.

4040-42 Peterson Ave.
Chicago 46, Ill.
Phone: KE 9-4828
(Contact manufacturer direct)

DIAMONITE PRODUCTS MFG. CO.

Div. of U. S. Ceramic Tile
Shreve, Ohio
Phone: JO 7-4211
(Contact manufacturer direct)

DICE CO., J. W.

16 Highwood Ave.
Englewood, N. J.
Phone: LO 9-0471
Cal. 278—Ill. 671—Mich. 166—Ohio 251—Tex. 328

DICKERMAN MFG. CO., H. E.

321 Albany St.
Springfield 4, Mass.
Phone: RE 2-7919
(Contact manufacturer direct)

DIE-DRAULIC GRIP, INC.

1440 Front Ave., NW.
Grand Rapids 4, Mich.
Phone: GL 9-3361
Cal. 677, 1308—Conn. 104, 334—Ga. 43—Ill. 50, 342, 1207—Ind. 184—Iowa 113—Kan. 74—Mich. 213, 1159—Minn. 256—Mo. 51, 302—N. Y. 1435—Ohio 862, 1297—Pa. 585—Tenn. 200—Tex. 243—Wis. 461—Canada 171

DIE SET DIV.

The Product Machine Co.
925 Housatonic Ave.
Bridgeport 1, Conn.
Phone: FO 7-8675
Ala. 111—Ark. 27—Cal. 564, 606, 1080, 1269—Colo. 89—Conn. 35—D. C. 24—Fla. 171, 384—Ga. 233

—Ill. 304—Ind. 70, 412, 522—Kan. 84—Ky. 66—La. 181—Mass. 429—Mich. 615, 1322—Minn. 327—Mo. 57, 587—N. J. 400—N. Y. 1019, 1340—N. C. 169—Ohio 842, 1254, 1552—Okla. 29, 129—Ore. 110—Pa. 75, 672, 790—R. I. 40—Tenn. 170, 262—Tex. 252, 330, 700—Utah 72—Wash. 93—Canada 380, 465

DIE SUPPLY DIV.

E. W. Bliss Co.
1400 Brookpark Rd.
Cleveland 9, Ohio
Phone: SH 1-9000
Ala. 45—Conn. 15—Ga. 200—Ill. 252—Ind. 187, 516—Iowa 43—Mich. 207, 907—Minn. 203, 255—Mo. 95, 549—N. Y. 234, 544—N. C. 19—Ohio 1131—Tex. 424—W. Va. 65—Wis. 94

DIEFENDORF GEAR CORP.

920 W. Belden Ave.-P. O.
Box 934
Syracuse 1, N. Y.
Phone: HA 2-2281
(Contact manufacturer direct)

DIEHL MFG. CO.

1230 Finnerne Ave.
Somerville, N. J.
Phone: RA 5-2200
Cal. 744, 1274—Colo. 185—Fla. 66, 91—Ga. 289—Ill. 253—Kan. 13—La. 90—Md. 43—Mass. 406—Mich. 192—Mo. 456—N. Y. 806, 1484—N. C. 44—Ohio 248, 563, 582—Ore. 114—Pa. 250, 526—Tex. 80—Wash. 163

DIETERT CO., HARRY W.

9330 Roselawn Ave.
Detroit 4, Mich.
(Contact manufacturer direct)

DIETZGEN CO., EUGENE

2425 N. Sheffield Ave.
Chicago 14, Ill.
Phone: LI 9-3300
Cal. 466, 1223—Colo. 57—D. C. 21—Fla. 259—Kan. 96—Ky. 56—La. 97—Mass. 407—Mich. 308—Mo. 85, 535—N. Y. 809—Ohio 217, 539, 1021—Ore. 183—Pa. 527, 855—Wash. 100—Wis. 179

DILLON & CO., INC., W. C.

14620 Keswick St.
Van Nuys, Calif.
Phone: ST 5-3168
(Contact manufacturer direct)

DISSTON DIV.

H. K. Porter Co., Inc.
Milnor & Unruh St.
Philadelphia 35, Pa.
Phone: DE 8-1200
Cal. 468, 844, 1049, 1206, 1224, 1480—Ill. 255—Ind. 204—La. 151, 196—Mass. 221—Mich. 311, 835—Minn. 341—Mo. 380—N. J. 575—N. M. 27—N. Y. 811—N. C. 47—Ore. 23—Pa. 850, 858—Tenn. 140, 192—Tex. 157—Va. 39, 106—Wash. 99—Wis. 10, 71

DIVERSEY CORP., THE

1820 W. Roscoe St.
Chicago 13, Ill.
Phone: GR 7-3000
Cal. 1225, 1500—Ga. 94—Ill. 256—Mass. 471—Mich. 312—Minn. 86—N. J. 350—Ohio 585—Tex. 893

DIXIE TOOL INDUSTRIES

4555 W. Franklin
Bridgeport, Mich.
Phone: PL 5-0545
Ariz. 110—Cal. 411, 851, 894—Colo. 80—Conn. 239—Fla. 260—Ill. 207, 1226—Ind. 198, 519—Iowa 113—Kan. 101—Mass. 648—Mich.

616, 895—Mo. 162, 473—N. Y. 406, 1638—N. C. 49—Ohio 299, 935, 1407—Ore. 44—Pa. 1227—Utah 26—Vt. 19—Wis. 289—Canada 405

DIXON AUTOMATIC TOOL, INC.

2300 23rd Ave.
Rockford, Ill.
Phone: WO 5-8756
(Contact manufacturer direct)

DOALL CO., THE

254 N. Laurel Ave.
Des Plaines, Ill.
Phone: VA 4-1122
(See advertisement p. 497)
Ala. 38—Cal. 469, 1098, 1226—Colo. 60—Conn. 455—Ga. 97—Ill. 257, 1152—Ind. 205—Iowa 53—Md. 44—Mass. 427—Mich. 313, 943—Minn. 87—Mo. 87, 381—N. J. 443—N. Y. 209, 587, 1485—N. C. 48—Ohio 219, 586, 1170, 1562—Okla. 82—Pa. 165, 529—Tenn. 230—Tex. 158, 558—Wash. 101—Wis. 180—Canada 103, 321, 520

DOCKSON CORP.

3839 Wabash Ave.
Detroit 8, Mich.
Phone: TE 1-6780
(Contact manufacturer direct)

DODGE MFG. CORP.

S. Union St.
Mishawaka, Ind.
Phone: BL 9-2421
Cal. 1227—Ill. 259—N. Y. 812—Pa. 859—Tex. 159

DOEDEN TOOL CORP.

DOTCO Pneumatic Tools
Hicksville, Ohio
Cal. 137, 272, 1207, 1597—Fla. 245—Ill. 655—Ind. 51, 61, 132, 519—Kan. 105—Ky. 39—Md. 90—Mass. 623—Mich. 828, 914, 1313, 1376—Mo. 119, 537—N. Y. 139, 1002, 1418—Ohio 136, 951, 1622—Pa. 558—Tenn. 105—Tex. 27—Canada 522

DOERR ELECTRIC CORP.

510 N. 4th Ave.
Cedarburg, Wis.
Phone: 801
Cal. 3, 1234—Conn. 379—Fla. 267—Ga. 210—Ill. 949—Ind. 265—La. 141—Mich. 88, 343, 1197—Minn. 173—N. J. 541—N. Y. 180, 1394, 1468—Ohio 472—Ore. 79—Pa. 215—Wash. 76

DOLLINGER CORP.

71 Center Park
Rochester 3, N. Y.
Phone: BA 5-9405
(Contact manufacturer direct)

DONLEY PRODUCTS, INC.

11106 Avon Ave.
Cleveland 5, Ohio
Phone: DI 1-8185
Ala. 6—Cal. 503, 1298—Conn. 61—Ill. 634, 711—Ind. 237—Md. 32, 196—N. Y. 561—Okla. 265, 964—Pa. 568, 1033—Tenn. 213—Va. 73—Wis. 423—Canada 288

DONLEY PRODUCTS, INC.

Jergens Div.
11106 Avon Ave.
Cleveland 5, Ohio
Phone: DI 1-8185
Cal. 503, 1298—Mich. 756—Ohio 964

DORSEY GAGE CO., INC.

W. Dorsey Lane
Hyde Park, N. Y.
Phone: GL 4-3111
Conn. 82, 258, 375, 386—N. J. 264, 617—N. Y. 54, 64, 124, 388, 440, 444, 531, 552, 562, 1159, 1175, 1198, 1200—Pa. 426

MANUFACTURERS

DOUBLE A PRODUCTS CO. Subsidiary of Brown & Sharpe Mfg. Co.

715 E. Duncan St.
Manchester, Mich.
Phone: GA 8-8311

Ala. 33, 158—Ariz. 37, 93, 122—
Ark. 23—Cal. 238, 340, 495,
668, 772, 854, 859, 942, 945, 1065,
1105, 1252, 1298, 1432, 1469, 1470,
1478, 1498, 1506, 1517, 1524—Colo.
63, 90, 103, 213—Conn. 25, 89, 208,
240, 259, 269, 281, 299, 327, 377,
427, 462, 466—Del. 7, 8—D. C. 81,
87—Fla. 68, 93, 157, 171, 228, 253,
274, 344, 350—Ga. 82, 116, 188,
205, 233, 348—Hawaii 18 29—Ill.
15, 20, 343, 390, 445, 446, 488, 575,
578, 604, 611, 658, 711, 827, 849,
878, 930, 1093, 1123, 1139, 1157,
1195, 1266, 1284—Ind. 33, 67, 73,
127, 412, 425, 457, 553—Iowa 21,
52, 55, 103, 166, 169, 174—Kan. 64,
85—Ky. 25, 98, 129, 149—La. 19,
98, 101, 187, 201—Me. 26—Md. 18,
27, 124, 162, 174—Mass. 59, 61,
133, 208, 221, 280, 281, 319, 325,
336, 349, 500, 531, 556, 623, 670,
676, 692—Mich. 23, 32, 45, 174,
212, 342, 382, 696, 835, 862, 866,
905, 959, 1088, 1098, 1123, 1162,
1216, 1262, 1270, 1316, 1324—
Minn. 13, 203, 224, 256, 298—
Miss. 43—Mo. 30, 95, 97, 119, 148,
361, 587, 615—Neb. 37, 50—N. H.
17—N. J. 49, 242, 292, 379, 413,
462, 471, 572, 616—N. M. 15—
N. Y. 65, 73, 111, 124, 153, 240,
299, 439, 490, 543, 544, 584, 600,
614, 653, 682, 756, 865, 879, 934,
935, 945, 982, 985, 1001, 1006,
1021, 1199, 1245, 1349, 1407, 1408,
1454, 1465, 1587, 1591, 1593, 1603,
1643, 1646, 1670—N. C. 33, 75, 84,
135, 146, 176, 199, 177, 180, 194,
215, 227, 237, 246, 251—N. D. 15—
Ohio 22, 105, 383, 394, 545, 725,
822, 979, 1092, 1093, 1161, 1216,
1272, 1391, 1419, 1486, 1519, 1550,
1552, 1641, 1745—Okla. 3, 29, 39,
129—Ore. 76, 157, 204—Pa. 33, 72,
167, 188, 228, 274, 333, 346, 399,
413, 416, 447, 503, 699, 735, 815,
839, 998, 1084, 1105, 1145, 1161,
1175, 1255, 1271, 1324—R. I. 9, 20,
22, 48, 60, 64, 66, 67, 69, 74—
S. C. 2, 4, 9, 16, 39, 59, 80—Tenn.
29, 36, 47, 73, 170, 241, 259—Tex. 5,
33, 54, 116, 141, 252, 476, 693, 766,
829, 891—Utah 3, 46, 82—Va. 15,
29, 59, 63, 106, 120, 146, 159—
Wash. 218, 237, 245, 334—W. Va.
18, 84—Wis. 267, 299, 368, 413,
455—Canada 417

DOW CHEMICAL CO. THE
Haley St. Bldg.
Midland, Mich.
(Contact manufacturer direct)

DOW CORNING CORP.
Midland, Mich.
Phone: TE 2-2371

Cal. 4, 901—Fla. 310—Ga. 100—Ill.
263—Ind. 208—La. 13—Md. 193—
Mass. 70—Minn. 89—Mo. 8—N. J.
15—N. Y. 395—N. C. 163—Ohio
223, 588—Pa. 106, 1190—Tenn. 16
—Tex. 160, 561—Wash. 104—
Wis. 186—Canada 161

DREWCO CORP.
1600 Junction Ave.
Racine, Wis.
Phone: ME 2-9648

Iowa 50—Mich. 218, 1364—Ohio
1215, 1648—Pa. 1003—Wis. 448

DRILLMATION CO., INC.
6500 E. 11 Mile Rd.
Center Line, Mich.
Phone: JE 9-2030

(See advertisement p. 133)

Ala. 127—Cal. 308, 832—Conn.
374—Ga. 157—Ill. 980—Ind. 295
—Mass. 236—Mich. 92, 886—Mo.
97—N. J. 113—N. Y. 253—Ohio
104, 213, 646, 1075, 1232—Pa. 411
—Tex. 216, 270, 387

DRILLUNIT, INC.

3267 Wight St.
Detroit 7, Mich.
Phone: LO 7-8960

Cal. 239—Conn. 224—Ill. 1081—
Ind. 245—Mass. 572—Mich. 214,
765, 1313—Minn. 226—N. Y. 1557
—Ohio 648—Pa. 117

DRIVE-ALL MFG. CO.
3400 Conner Ave.
Detroit 15, Mich.
Phone: VA 2-3400

Cal. 262, 1308—Colo. 131—Conn.
413—Ill. 258, 651, 1309—Ind. 553
—Mass. 201, 237—Mich. 316, 318,
1391—N. J. 563—N. Y. 319, 1005,
1562—Ohio 417, 763, 1294—Pa.
591, 940—Tex. 415, 638—Utah 62
—Canada 77, 195, 351, 358, 580

DUKES CO., INC.

3999 N. 25th Ave.
Schiller Park, Ill.
Phone: GL 5-5795

Cal. 46, 1333—Colo. 113—Ga. 39
—Ill. 93—Ind. 402—Iowa 145—
Kan. 74—La. 165—Md. 37—Mich.
765, 923—Minn. 109—Mo. 51, 398
—Neb. 26—N. J. 372—N. Y. 357,
1179—N. C. 23—Ohio 828—Okla.
35, 141—Ore. 107—Pa. 443, 798—
Tex. 387, 775—Wash. 144—Wis.
452—Canada 411

DuMONT CORP., THE

289 Wells St.
Greenfield, Mass.
Phone: PR 3-3674

(See advertisement p. 134)

Ala. 45, 98, 196—Ariz. 30, 81—
Ark. 21—Cal. 15, 51, 127, 133, 140,
154, 238, 249, 279, 319, 340, 413,
442, 606, 616, 730, 876, 1039,
1040, 1079, 1105, 1128, 1132, 1252,
1304, 1305, 1407, 1518—Colo. 90—
Conn. 25, 143, 427, 462, 491—Del.
7—D. C. 24—Fla. 184—Ga. 233,
278, 340, 354—Idaho 11, 19, 28—
Ill. 20, 117, 161, 173, 361, 363, 427,
499, 604, 829, 848, 914, 930, 950,
1007, 1093, 1148, 1157, 1226—Ind.
33, 61, 127, 177, 223, 425, 499, 553
—Iowa 21, 25, 55, 56, 103, 113, 166
—Kan. 2, 28, 95, 111, 114—Ky.
24, 98—La. 32, 170, 181, 217—Me.
21—Md. 18, 27, 91—Mass. 13, 59,
61, 91, 133, 326, 344, 400, 413, 424,
469, 480, 500, 508, 622, 660, 670—
Mich. 23, 43, 212, 348, 559, 862,
936, 1011, 1088, 1123, 1162, 1232,
1333—Minn. 34, 67, 124, 203—
Miss. 39—Mo. 3, 57, 84, 96, 282,
425, 487, 506—Mont. 29, 39—Neb.
23, 44—N. H. 21, 26—N. J. 27, 46,
122, 135, 236, 267, 292, 294, 330,
346, 349, 352, 355, 408, 427, 476,
576—N. M. 15—N. Y. 27, 93, 100,
109, 111, 116, 153, 543, 549, 604,
610, 647, 657, 669, 682, 722, 769,
888, 918, 1052, 1063, 1112, 1202,
1304, 1417, 1562, 1593, 1638—N. C.
6, 135, 176, 218, 227, 233, 251—
Ohio 22, 90, 439, 545, 979, 1084,
1113, 1161, 1486, 1516, 1629—
Okla. 24, 105—Ore. 1, 10, 91, 95,
106, 131, 195, 212—Pa. 33, 72, 192,
346, 403, 468, 728, 828, 839, 1084,
1161, 1175, 1269, 1324—R. I. 9,
14, 48, 66—S. C. 26, 39—Tenn.
38, 104, 170, 192, 225—Tex. 11, 45,
64, 220, 252, 308, 353, 415, 754,
803, 846—Utah 82—Va. 39, 63,
106, 155—Wash. 25, 69, 93, 334,
370—W. Va. 18—Wis. 10, 13, 56,
77, 89, 415, 455—Wyom. 2—
Canada 489

**DUMORE PRECISION TOOLS
CO.**
1300-17th St.
Racine, Wis.
Phone: ME 3-8221

(See advertisement p. 77)

Ala. 45—Cal. 9, 303, 473, 757, 816,
1298—Colo. 72—Conn. 25, 203,
427—D. C. 24—Ga. 101, 248—Ill.
278, 361, 445, 911, 1157—Ind. 259,
425—Md. 18—Mass. 59, 61, 536,
676—Mich. 212, 319, 333, 1391—

Minn. 231—Mo. 361—N. J. 252,
325—N. Y. 109, 524, 682, 784,
1349, 1562, 1591—Ohio 22, 287,
545, 822, 979, 1161, 1474—Pa. 72,
680, 1084, 1324—R. I. 69—Tex.
161, 766—Wash. 69—Wis. 429—
Canada 510

DUNDICK TOOL WORKS, INC.

3410 W. 31st St.
Chicago 23, Ill.
Phone: BI 7-4400

Cal. 730, 1518—Conn. 477—Fla.
25, 135—Ga. 89—Ill. 1304—Ind.
243, 569—Mich. 214, 1163—Minn.
296—N. J. 438—N. Y. 414—N. C.
113—Ohio 936—Ore. 195—Pa. 348
—Tex. 874—Wis. 245

DUNHAM TOOL CO., INC., THE

Route 37
New Fairfield, Conn.
Phone: PI 6-9134

Cal. 1364—Conn. 178, 339, 416—
D. C. 92—Ill. 390—Ind. 543—Ky.
140—Md. 51—Mass. 59, 133, 194,
326, 660—Mich. 1147, 1222—Minn.
256—Mo. 160—N. Y. 236, 501, 756
—Ohio 1263, 1373—Pa. 1033—
Canada 587

DuPAGE MACHINE CO.

Roosevelt & Meyers Rds.—Box
594
Elmhurst, Ill.
Phone: CO 1-0854

Cal. 616—Ill. 96, 1168—Mich. 705
—Minn. 67—N. Y. 100, 1574—
N. C. 113—Wis. 448—Canada 284

DURA CORP.

21800 Greenfield Rd.
Oak Park 37, Mich.
Phone: JO 4-5500

Cal. 984—Colo. 142—Fla. 321—
Ill. 552—Ind. 159—Mass. 419—
Minn. 100—Mo. 58—N. J. 406, 562
—N. Y. 145—Ohio 225, 980—
Pa. 1268—Tenn. 35—Va. 75—
W. Va. 42—Wis. 378—Canada
434, 477, 606

DURABLE PUNCH & DIE CO.

9030 S. Hermitage Ave.
Chicago 20, Ill.
Phone: PR 9-5227

Ala. 45—Ariz. 37—Cal. 44, 47, 99
—Colo. 58—Conn. 3, 491—Ga. 43
—Ill. 1242—Ind. 39, 61, 131, 519
—Iowa 25, 49, 113—Kan. 81—Ky.
120—Md. 93—Mass. 411, 622—
Mich. 824, 1333—Minn. 256—
Mo. 138, 302—N. J. 292—N. Y.
139, 1210A, 1285, 1356, 1501—
Ohio 252, 718, 1066, 1566—Okla.
24—Pa. 1071—Tenn. 200, 227—
Tex. 243—Wash. 47—W. Va. 65—
Wis. 245—Canada 245, 309, 385

DURANT TOOL CO.

1-15 Thurburn Ave.
Providence 5, R. I.
Phone: ST 1-7800

Ariz. 37—Cal. 103—Conn. 225—
Mass. 31—Mich. 615, 1119—Minn.
256—Mo. 549—N. J. 46, 267, 292,
408—N. Y. 94, 604, 645, 682, 704,
1019, 1046, 1311, 1539—Ohio 1254,
1373, 1544—Ore. 68—Pa. 973—
Tenn. 104—Tex. 252, 520

DUREZ PLASTICS DIV.

Hooker Chemical Div.
1989 Walck Rd.
North Tonawanda, N. Y.
Phone: LU 1860

Cal. 475—Ill. 266—Mich. 321—
N. Y. 210, 817—Ohio 1173

DURO METAL PRODUCTS CO.

2851 N. Kildare Ave.
Chicago 39, Ill.
Phone: BE 5-5000

(Contact manufacturer direct)

DYKEM CO., THE

2307 N. 11th St.
St. Louis 6, Mo.
Phone: CE 1-9313

(Contact manufacturer direct)

DYNAMIC GEAR CO., INC.

175 Dixon Ave.
Amityville L. I., N. Y.
Phone: AM 4-4788

Cal. 70, 982—Colo. 224—Fla. 269
—Ga. 149—Ill. 286—Kan. 38—
Md. 209—Mass. 1—Mich. 133—
Minn. 208—Mo. 11—N. Y. 1321—
Ohio 226, 1019—Pa. 777—Tex.
238—Wash. 250—Canada 242

DYNAPAK CONVAIR

Div. of General Dynamics Corp.
1243 Transit St.
Pomona, Calif.
Phone: NA 3-1561

Cal. 1024, 1481—Ill. 268—N. J.
189—Ohio 591

— E —

E. P. I. C., INC.

150 Nassau St.
New York 38, N. Y.
Phone: DI 9-2470

(Contact manufacturer direct)

EAGLE MFG. CO.

Wellsburg, W. Va.
Phone: RE 7-3191

(Contact manufacturer direct)

EAGLE SIGNAL CORP.

Div. of The Camewell Co.
202 - 20th St.
Moline, Ill.
Phone: 2-5571

Ala. 83—Cal. 553, 1202—Colo. 147
—Conn. 175—Fla. 284—Ga. 73—
Ill. 35—Iowa 98—Md. 150—Mass.
85—Mich. 338—Minn. 308—Mo.
311—N. J. 182—N. Y. 287, 1033—
Ohio 611, 1289—Okla. 55—Ore.
60—Pa. 986, 1213—Tex. 572—
Utah 65—Wash. 59—Canada 211

EASCO PRODUCTS, INC.

P. O. Box 587
Ypsilanti, Mich.
Phone: NO 2-2558

(Contact manufacturer direct)

EASTERN MACHINE SCREW CORP.

Truman & Barclay Sts.
New Haven 6, Conn.
Phone: ST 7-5724

Ariz. 1, 17, 117—Ark. 23—Cal.
49, 367—Colo. 103—Conn. 462—
Fla. 175, 290—Ga. 82—Idaho 11—
Ill. 576—Ind. 290—Iowa 73—La.
125—Md. 27, 51—Mass. 10, 603—
Mich. 1199—Minn. 203—Mo. 244,
433—N. J. 599—N. M. 15—N. Y.
561, 1388, 1540—N. C. 158—Ohio
287, 977, 1059, 1186, 1211—Ore. 195
—Pa. 554, 934—R. I. 28—Tenn.
123—Tex. 118, 522—Utah 79—
Wash. 253—Wis. 344—Canada 44,
176, 288, 455, 496

EASTERN MACHINE & TOOL CO.

170 Broadway
New York 38, N. Y.
Phone: WO 4-8161

Fla. 326—Mass. 456—Mich. 1167
—N. Y. 1333

EASTERN PRECISION TOOL & GAGE CO.

451 Lehigh Ave.
Union, N. J.
Phone: MU 8-0440

(Contact manufacturer direct)

MANUFACTURERS

EASTERN TOOL CO., INC.

306 Tolland St.
E. Hartford 8, Conn.
Phone: BU 9-5481
Mass. 648—N. Y. 124

EASTERN TOOL & MFG. CO.

1 Montgomery St.
Belleville 9, N. J.
Phone: PL 9-7100
(Contact manufacturer direct)

EASTMAN KODAK CO.

343 State St.
Rochester 4, N. Y.
Phone: LO 2-6000
Cal. 1231, 1584—Ga. 290—Ill. 269
—N. Y. 822, 1264—Tex. 162

EASTOWN TOOL & ENGINEERING CO.

23672 Schoenherr Rd.
Warren, Mich.
Phone: PR 6-2980
(Contact manufacturer direct)

EASY INDUSTRIES DIV.

Whitewater Pump Co.
328 S. Hidd St.
Whitewater, Wis.
Phone: 571
Ga. 192—Ill. 638—Mich. 423—Mo. 306

EATON MFG. CO.

739 E. 140th St.
Cleveland 10, Ohio
Phone: GL 1-5600
(Contact manufacturer direct)

EATON MFG. CO.

Reliance Div.
25 Charles Ave., SE.
Massillon, Ohio
Phone: TE 2-1511
Cal. 1262, 1536—Ill. 270—Mich. 328—Mo. 384—N. Y. 823—Ohio 593, 1434—Tex. 242—Va. 128

ECLIPSE AIR BRUSH CO.

390 Park Ave.
Newark 7, N. J.
Phone: HU 2-7200
D. C. 24—Ill. 272—Mass. 72—N. Y. 211—Ohio 1475—Pa. 535, 864—Tex. 567

ECLIPSE COUNTERBORE CO.

1600 Bonner Ave.
Detroit 20, Mich.
Phone: LI 4-7000
(See advertisement p. 127)
Ariz. 37—Cal. 259, 326—Colo. 58—Conn. 79—Fla. 276—Ga. 157—Ill. 405, 993—Ind. 62, 201, 475—Ky. 52—Mich. 44, 886, 1035, 1198—Minn. 175—Mo. 45, 473—N. J. 392—N. Y. 311, 1275, 1574—Ohio 442, 616, 1104, 1306, 1523—Okla. 29, 129—Ore. 44—Pa. 993, 1239, 1309—R. I. 81—S. C. 66—Tenn. 93, 200—Tex. 424, 559, 873, 904—Utah 39, Va. 7—Wash. 69—Wis. 206—Canada 288, 455, 496

ECLIPSE END MILL DIV.

Eclipse Counterbore Co.
1600 Bonner Ave.
Detroit 20, Mich.
Phone: LI 4-7000
Ariz. 54—Cal. 730, 1364—Colo. 47—Conn. 101—D. C. 24—Fla. 276—Ga. 157—Ill. 361, 1166, 1285—Ind. 62, 201, 230, 443, 459, 475—Ky. 52—Md. 90—Mass. 396, 670—Mich. 347, 459, 887, 1035, 1158, 1336—Minn. 175—Mo. 45—N. J. 392, 575—N. Y. 56, 355, 549, 952, 1330—Ohio 193, 512, 1168, 1498, 1592—Ore. 44—Pa. 29, 137, 211, 416, 532, 598, 943, 1266—Tenn. 200—Tex. 424, 873, 904—Va. 99—Wash. 218—Wis. 206—Canada 288, 496

ECLIPSE FUEL ENGRG. CO.

1100 Buchanan St.
Rockford, Ill.
Phone: WO 8-3751
Ala. 49—Ariz. 29—Cal. 225, 1525—Colo. 181—Conn. 289—Fla. 30—Ga. 125—Ill. 284, 1204—Iowa 153—La. 18—Mass. 619—Mich. 437—Minn. 301—Mo. 60, 331—Neb. 70—N. J. 43—N. Y. 559, 1669—N. C. 99—Ohio 399, 705—Okla. 64—Ore. 116—Pa. 951, 1298—R. I. 12—Tenn. 187—Tex. 198, 593—Utah 33—Wash. 62—Wis. 318

ECONOMY TOOL & MACH. CO.

1829 S. 68th St.
W. Allis 14, Wis.
Phone: GR 6-6700
Colo. 68—Ga. 336—Ill. 728, 1169, 1226—Ind. 307, 512—Mass. 525—Mich. 1119, 1200—Minn. 254—N. Y. 393, 779—Ohio 667, 1180—Tex. 752—Wis. 437

EDER INSTRUMENT CO., INC.

2293 N. Clybourn Ave.
Chicago 14, Ill.
Phone: EA 7-2131
Ariz. 84—Cal. 692

EDGCOMB ENGINEERING & ENGRAVING CO.

1105 N. Hollywood Way
Burbank, Calif.
Phone: VI 9-4449
(See advertisement p. 500)
Cal. 704, 1454—Colo. 176—Ill. 585—Ind. 187—Mass. 440—Mich. 49—Minn. 265—N. Y. 1638—Ohio 894—Tex. 278

EDLUND MACHINERY CO.

Div. of Harsco Corp.
37 Huntington St.
Cortland, N. Y.
Phone: SK 6-5661
Ark. 23—Cal. 615, 1517—Colo. 70—Conn. 314—D. C. 24—Fla. 272—Ill. 304—Ind. 338—Kan. 123—La. 100, 210—Md. 185—Mass. 155—Mich. 696, 1025—Minn. 284—Mo. 22, 119, 433—N. Y. 170, 1106, 1213, 1554—Ohio 249, 904, 1184, 1617—Okla. 97—Ore. 44—Pa. 749, 815—Tenn. 33—Tex. 195, 732—Wash. 218—Canada 289

EDROY PRODUCTS CO.

480 Lexington Ave.
New York 17, N. Y.
Phone: YU 6-4477
(Contact manufacturer direct)

EGLINTON CARBIDE PRODUCTS, INC.

333 Cedar St.
Wyandotte, Mich.
Conn. 415—Minn. 307—Pa. 820

EHRHARDT TOOL & MACHINE CO.

914 Monroe St.
St. Louis 6, Mo.
(Contact manufacturer direct)
(See advertisement p. 511)

EISLER ENGR. CO.

772 S. 13th St.
Newark 3, N. J.
Phone: BI 3-5310
(Contact manufacturer direct)

ELASTIC STOP NUT CORP. OF AMERICA

2330 Vauxhall Rd.
Union, N. J.
(Contact manufacturer direct)
Elco Tool & Screw Corp.
1111 Samuelson Rd.
Rockford, Ill.
Phone: WO 4-8611
Cal. 10, 1300—Del. 10—Ill. 407, 1171, 1206—Ind. 282—Iowa 119—Mich. 73, 1164—Minn. 47—Mo. 334—N. J. 162—N. Y. 454—Ohio

709, 1636—Tenn. 206, 212—Tex. 464—Wis. 42

ELDORADO TOOL & MFG. CORP.

336 Boston Post Rd.
Milford, Conn.
Phone: TR 8-1711
(See advertisement p. 308)
Cal. 689—Conn. 239—Ill. 289, 980, 1067—Mass. 593—Mich. 1248—Minn. 255—N. Y. 1402—Ohio 433, 646—R. I. 14—Tex. 762—Wis. 174—Canada 148, 249, 256, 464, 492

ELECTRA MOTORS, INC.

1110 N. Lemon St.
Anaheim, Calif.
Phone: MA 6-1271
Ala. 80, 179—Ariz. 36—Ark. 37—Cal. 14, 1299—Colo. 108—Fla. 85, 330—Ga. 104—Hawaii 4—Ill. 824—Iowa 64—La. 15, 113—Md. 49—Mass. 433, 569—Mich. 1174—Minn. 17—Mo. 49, 415—N. J. 356—N. Y. 341, 754, 915—N. C. 67—Ohio 482, 1268—Pa. 949, 1223—Tenn. 152—Tex. 189—Utah 37—Wash. 107

ELECTRIC FURNACE CO., THE

W. Wilson St.
Salem, Ohio
Phone: ED 2-4661
Cal. 1466—Conn. 71—Mich. 332

ELECTRIC HOTPACK CO., INC.

5018 Cottman St.
Philadelphia 35, Pa.
Phone: DE 3-1700
Cal. 1279, 1398—Conn. 80—D. C. 98—Ga. 276—Ill. 498—Mass. 423—Mich. 6—Mo. 91—N. J. 239—N. M. 36—Ohio 369—Okla. 85—Pa. 681, 953—Tenn. 138—Tex. 164, 600—Wash. 301—Canada 432, 667

ELECTRO-AUTOSIZING MACHINE CORP.

7 William St.
Closter, N. J.
Phone: CL 5-5540
Ill. 1083—Mass. 540—Mich. 714—N. J. 46, 89—N. Y. 1236, 1638—Ohio 1647—Pa. 1184

ELECTRO-DEVICES, INC.

4-6 Godwin Ave.
Paterson 23, N. J.
Phone: AR 4-8989
Cal. 632—Ill. 651—Mich. 1383—N. J. 123—Ohio 446—Pa. 350

ELECTRO-MATION ASSOCIATES

4012 E. 9 Mile Rd.
Warren, Mich.
Phone: JE 9-1420
(Contact manufacturer direct)

ELECTRO-MECHANO CO.

241 E. Erie St.
Milwaukee 2, Wis.
Phone: BR 2-4050
Ala. 3—Ariz. 33—Cal. 616, 1531—Colo. 100—Conn. 145—D. C. 91—Fla. 272—Ga. 89—Idaho 11—Ill. 488, 1010, 1033—Ind. 80, 254, 535—Kan. 87—Ky. 60—La. 100, 210—Mass. 614—Mich. 425, 1119—Minn. 176—Mo. 97, 302—Neb. 44—N. J. 131—N. Y. 257, 882, 902, 1356, 1554—N. C. 6, 185—Ohio 255, 977, 1055, 1597—Okla. 24, 120—Ore. 157—Pa. 182, 661, 1049—R. I. 69—S. C. 26, 63—Tenn. 104, 157—Tex. 685, 873—Utah 46—Va. 59, 155—Wash. 64—W. Va. 36—Wis. 423—Canada 398, 535

ELECTRO REFRACTORIES & ABRASIVES CORP.

344 Delaware Ave.
Buffalo 2, N. Y.
Phone: WA 5259
Ala. 51, 60—Ariz. 12—Cal. 115,

445, 630, 718—Colo. 131—Conn. 276, 435—Ill. 357, 922, 1045—Ind. 116, 427—Iowa 6—Mich. 39, 109, 110, 626, 753, 1071, 1141, 1221—Minn. 323—Mo. 472—N. Y. 434, 508, 1483—Ohio 434, 587, 1433, 1703—Ore. 201—Pa. 9, 251, 701, 1121, 1252—Tex. 178, 544—Utah 62—Wash. 298—Wis. 258, 363, 398—Canada 43, 178, 566

ELECTRO-SPARK CO., INC.

23 E. 26th St.
New York 10, N. Y.
Fla. 326—Mass. 614—Mich. 542—N. Y. 828

ELECTROFORCE, INC.

75 N. Pine Creek Rd.
Fairfield, Conn.
Phone: CL 9-7894
Cal. 723, 1164—Fla. 272—Ind. 266—Mass. 614—Mich. 561—N. Y. 679, 1538—Ohio 621, 1184—Ore. 179—Pa. 182, 598—Va. 63—Wash. 259, 347—Wis. 323—Canada 288

ELECTROMARK CORP., THE

2092 E. 19th St.
Cleveland 15, Ohio
Phone: SU 1-7377
(Contact manufacturer direct)

ELECTRONS, INC.

127 Sussex Ave.
Newark 3, N. J.
Phone: HU 2-5977
(Contact manufacturer direct)

ELGIN NATIONAL WATCH CO.

Abrasives Div.
107 National St.
Elgin, Ill.
Phone: SH 2-3300
Ariz. 41, 107—Cal. 118, 201, 840—Conn. 287—Fla. 238, 349—Ga. 106—Ill. 1155, 1302—Ind. 214—Mass. 324, 408—Mich. 334—Minn. 97—Mo. 93, 386—N. J. 584—N. Y. 213, 484, 536—Ohio 14, 596, 1176, 1327—Ore. 38—Pa. 149, 286, 866, 1166—R. I. 41—Tenn. 232—Tex. 571—Wash. 108—Wis. 195—Canada 329

ELKRO CO., THE

2800 W. Lower Springboro Rd.
Franklin, Ohio
Phone: SH 6-9271
Cal. 112—Ill. 598, 994—Ind. 478—Iowa 114—Kan. 87—Mass. 17—Mich. 461, 890, 1234—Mo. 97—N. J. 219—N. M. 32—N. Y. 272, 442, 544, 1339—Ohio 977, 1097—Pa. 1106—Tex. 352—Wis. 381—Canada 422, 472, 597

ELLIOT MFG. CO., INC., B. W.

350 State St.
Binghamton, N. Y.
Phone: RA 4-2512
Cal. 560, 1306

ELMES ENGINEERING DIV. American Steel Foundries

1150 Tennessee Ave.
Cincinnati 29, Ohio
Phone: RE 1-9210
Ala. 94—Cal. 545, 1191—Colo. 100—Fla. 344—Ill. 89—Ind. 338—Mass. 262—Mich. 337, 988—Minn. 327—N. Y. 706, 1562—Ohio 942—Pa. 790, 1226—Tenn. 75—Tex. 249—Utah 88

ELOX CORP. OF MICHIGAN

Troy, Mich.
Phone: MU 9-1921
Ariz. 93—Cal. 129—Colo. 80—D. C. 82—Fla. 21—Ga. 221—Ill. 280—Kan. 84—Mass. 583—Mo. 130—Ohio 1365—Okla. 136—Ore. 44—Pa. 237, 980—Tex. 203—104—Wash. 218—Canada 198, 529

MANUFACTURERS

ELWELL-PARKER ELECTRIC CO., THE

4205 St. Clair Ave.
Cleveland 3, Ohio
Phone: UT 1-6200

Ala. 96—Cal. 818, 1327—Colo. 113
—Fla. 124, 284—Ill. 231, 331—Ind.
300—Iowa 168—Ky. 60—Mass. 114
—Mich. 267—Minn. 235—Mo. 260
—Neb. 40—N. Y. 377, 1004—N. C.
53—Ohio 164, 497, 1020, 1563—Pa.
514, 1030—Tenn. 112—Tex. 862—
Va. 142—Wash. 85—Wis. 41

EMERSON ELECTRIC MFG. CO.

8100 Florissant Ave.
St. Louis 21, Mo.

(Contact manufacturer direct)

EMHART MFG. CO.

Hudson Div.

Hudson, N. Y.
Phone: 8-1577

Ala. 85—Ariz. 52—Cal. 532, 1106
—Conn. 476—Fla. 43—Ga. 221—
Ill. 483, 1225—Ind. 227, 463—
Kan. 116—Md. 158, 211—Mass.
143—Mich. 833—Minn. 78—Mo.
227, 569—N. Y. 321, 1036, 1549—
N. C. 6, 132, 185—Ohio 327, 786—
Okla. 165—Pa. 176, 992, 1282,
1310—S. C. 26, 63—Tenn. 104—
Tex. 250—Va. 62, 130, 155—
Wash. 164—Wis. 288—Canada 25,
78, 115, 400, 469, 583

EMMERT MFG. CO.

1051 E. Main St.
Waynesboro, Pa.
Phone: 848

(Drafting Equipment)

Cal. 466—Ill. 225, 1158—Mass.
186, 520—Mich. 335, 573—N. J.
151—Pa. 1321—Va. 37

EMMERT MFG. CO.

(Vises)

Ala. 73—Ill. 63—Md. 48—Mass.
61—Mich. 382—N. Y. 109—Ohio
712, 1571—Ore. 118—Pa. 503

EMPIRE CORP.

1566 S. 83rd St.
Milwaukee 14, Wis.
Phone: SP 4-6200

(Contact manufacturer direct)

EMPIRE MAGNETICS, INC.

113 E. Clinton St.
Maumee, Ohio
Phone: TW 3-6536

(Contact manufacturer direct)

ENCO MFG. CO.

452 W. Fullerton
Chicago 39, Ill.
Phone: CA 7-6200
Cal. 1589—Ga. 303—Ill. 761—
N. Y. 657—Ohio 208—Tex. 309—
Canada 451

ENGELHARD INDUSTRIES, INC.

113 Astor St.
Newark 2, N. J.
Phone: BI 2-2700

Cal. 481, 1233—Fla. 168, 261—Ill.
283—N. Y. 830—Tex. 168

ENGINEERED PRECISION CASTING CO.

Hwy. #79
Morganville, N. J.

(Contact manufacturer direct)

ENGIS EQUIPMENT CO.

431 S. Dearborn St.
Chicago 5, Ill.
Phone: HA 7-3223

(Hyprex Div. Representatives)

Cal. 606, 757, 1241—Colo. 70—
Ga. 89—Hawaii 26—Ill. 1137—
Ind. 383—Iowa 66—Ky. 120—
Md. 90—Mass. 373, 685—Mich.
87, 1237—Minn. 124—Mo. 84, 329,

519—N. Y. 676—Ohio 348, 853—
Okla. 129—Ore. 95—Pa. 188, 820,
1071—R. I. 28—Tex. 118

ENGIS EQUIPMENT CO.

(Instrument Representatives)

Cal. 1593—Colo. 70—Conn. 509—
Ga. 89—Ind. 286—Iowa 19—
Mich. 716—Mo. 119—N. J. 204—
N. Y. 1428—N. C. 247—Ohio 348
—Pa. 651, 1026—Tex. 601—Wash.
105

ENTERPRISE MACHINE-PARTS CORP.

2731 Jerome
Detroit 12, Mich.
Phone: TW 1-7900

EQUIPMENT MFG., INC.

21500 Hoover Rd.
Detroit 5, Mich.
Phone: JE 6-5070

Ark. 15—Conn. 494—Fla. 363—
Ill. 287, 1088, 1223—Ind. 550—Ky.
40—La. 137—Md. 207—Mass.
428—Mich. 1012, 1103—Minn. 184
—Mo. 496—N. Y. 174, 863—
Ohio 444, 594, 1230—Okla. 157—
Pa. 331, 579, 913—S. C. 42—Tenn.
220—Tex. 177—Va. 17, 126—Wis.
198

EQUITABLE ENGINEERING CO.

2724 Normandy
Royal Oak, Mich.
Phone: LI 9-5300
Mich. 1288

ERCONA CORP.

(Carl Zeiss, Jena)

16 46th St.
New York 36, N. Y.
Phone: CI 5-3840

(Contact manufacturer direct)

ERICKSON TOOL CO.

34350 Solon Rd.
Solon, Ohio
Phone: CH 8-1000
Ariz. 110—Cal. 246—Colo. 80—
Conn. 334—Fla. 320—Ill. 189, 288
—Ind. 70—Mass. 540, 651—Mich.
118, 27, 422, 855, 1091—Minn.
108—Mo. 119, 549—N. J. 153—
N. Y. 1236—N. C. 247—Okla. 24—
Pa. 41, 1071—Tex. 239, 766—Wis.
250—Canada 284, 329

ERICO PRODUCTS, INC.

2070 E. 61st Pl.
Cleveland 3, Ohio
Phone: UT 1-4242

(See advertisement p. 507)

Ala. 167—Cal. 317, 516, 1322—
Colo. 113—Conn. 39—Ill. 252,
376, 511, 534, 986—Ind. 224, 399—
Iowa 43—Kan. 61—Ky. 66—La.
4, 64—Md. 147, 157—Mass. 219,
313—Mich. 33, 385, 763, 871,
985, 1119—Minn. 185, 255—Mo.
218, 477, 549—N. J. 477—N. Y. 89,
176, 1157, 1520—Ohio 91, 247, 265,
1048, 1392, 1635, 1735—Okla. 144
—Pa. 183, 441, 516, 1121—S. C. 8
—Tenn. 103—Tex. 39, 425, 527,
564—Wash. 74—Wis. 14, 90—
Canada 16, 68, 332, 342, 624

ERIE FOUNDRY CO.

1253 W. 12th St.
Erie, Pa.
Phone: GL 2-6754
Cal. 532, 1255—Conn. 222—D. C.
91—Fla. 5—Ill. 676—Ind. 201—
Mich. 249—Pa. 798, 1274—Tex.
524—Canada 168

ERIEZ MFG. CO.

292 Magnet Dr.
Erie, Pa.
Phone: GL 6-2041

Ala. 127—Cal. 290, 1333—Colo.
11—Fla. 139, 303—Ill. 940—Ind.
341—Iowa 98—La. 76—Mass. 92
—Mich. 363—Minn. 223—Mo. 475
—N. Y. 28, 921—N. C. 201—Ohio
315, 1109—Ore. 94—Pa. 201, 257,

1022—S. C. 49—Tenn. 136—Tex.
636—Wash. 128—Canada 395, 581

ERINAC EQUIPMENT CORP.

225 Lafayette St.
New York 12, N. Y.
Phone: WA 5-5203
(Contact manufacturer direct)

ERRINGTON MECHANICAL LABORATORY, INC.

24 Norwood Ave.
Staten Island 4, N. Y.
Phone: GI 2-6042

Cal. 340, 816, 846, 1080, 1589—
Colo. 131—Conn. 43, 111, 204—
Fla. 175, 184—Ga. 165—Ill. 488,
1251—Ind. 217—Md. 25—Mass.
313, 668—Mich. 696—Mo. 457—
N. J. 113—N. Y. 153, 516, 610,
646, 983, 1070, 1574—N. C. 177, 256
—Ohio 278, 853—Pa. 735, 980,
1084, 1316—Tex. 216, 616—Va. 73
—Wis. 429—Canada 304, 570

ESBEC CORP., THE

190 Henry St.-P. O. Box 929
Stamford, Conn.
Phone: DA 5-3555

Cal. 458—Conn. 246, 261—Mass.
632—Minn. 52—Mo. 488—N. J.
381—N. Y. 206, 1386, 1597, 1617—
Ohio 1202—Okla. 129—Pa. 980,
1154—R. I. 6

ESSO STANDARD OIL CO.

Humble Oil & Refining Co.

15 W. 51st St.
New York 19, N. Y.
Phone: PL 7-1200
La. 104—Md. 54—Mass. 75—N. J.
136—N. Y. 1178—N. C. 54—Pa. 69
—Tenn. 144—Va. 89

ETCO TOOL & MACHINE CO., INC.

594 Johnson Ave.
Brooklyn 37, N. Y.
Phone: HY 7-4400

Ala. 45—Ark. 178—Cal. 532, 597,
606, 757, 1298—Colo. 142—Conn.
25, 203—Ill. 206, 293, 295, 350,
992, 1037, 1157—Ind. 223, 238, 491
—Kan. 95—Ky. 98, 112—La. 181,
210—Md. 18—Mass. 443—Mich.
212, 339, 395, 958, 1222, 1391—
Minn. 203, 243—Miss. 44—Mo. 96,
361, 488, 518—Neb. 37—N. J. 42,
172, 219, 242, 427—N. Y. 94, 124,
290, 442, 1535—N. C. 194—Ohio
536, 545, 621, 979, 1161—Okla.
29—Ore. 100—Pa. 190, 367, 641,
1304—R. I. 42—Tenn. 139—Tex.
428, 754—Wash. 47, 69—Wis. 340,
367, 429—Canada 228, 288, 433,
434, 573, 597

EUTECTIC WELDING ALLOYS CORP.

40-40 172nd St.
Flushing 58, N. Y.
Phone: FL 8-4000

Ariz. 43—Cal. 55, 483—Ga. 109—
Hawaii 9—Ill. 294—Mass. 76—
Mich. 340—Mo. 389—Ohio 1041—
S. D. 5—Tex. 171—Wash. 110—
Canada 52, 131, 162, 612

EVANS REAMER & MACHINE CO.

S. Main St.
New Lexington, Ohio
Phone: FI 2-1941
Ohio 1423, 1445

EVERARD TAP & DIE CORP.

215 E. 144th St.
New York 51, N. Y.
Phone: LU 5-1760

(Contact manufacturer direct)

EVERED TOOL CO.

2000-10 N. Parkside Ave.
Chicago 39, Ill.
Phone: BE 7-5900

(Contact manufacturer direct)

EX-CELL-O CORP.

1200 Oakman Blvd.
Detroit 32, Mich.
Phone: TO 8-3900

(See advertisement inside Back Cover)

(Machine Tools, Cutting Tools,
Grinding & Boring Spindles,
Drill Jig Bushings,
Hydraulic Power Units)

Ala. 129—Ariz. 66—Cal. 130, 615,
1105, 1517—Colo. 4—Conn. 109,
382, 452—D. C. 99—Fla. 358—
Ill. 774, 784, 886, 989, 1096—Ind.
218, 521—Kan. 49, 91—Ky. 44, 58
—La. 85—Md. 114—Mass. 629—
Mich. 656, 945—Minn. 101, 293—
Mo. 119, 347, 568—Neb. 37, 53—
N. J. 532—N. Y. 217, 617, 1368,
1409—N. C. 7, 250—Ohio 227, 602,
927, 1390, 1600—Pa. 370, 573, 872,
1235—Tenn. 257—Tex. 118, 522
—Utah 72—Wash. 92—Wis. 489

EX-CELL-O CORP.

1200 Oakman Blvd.
Detroit 32, Mich.
Phone: TO 8-3900

(Comparators Only)

Cal. 730, 957, 1518, 1545—Colo.
70—Fla. 163—Ga. 89—Ill. 567—
Ind. 237—Iowa 19—Mass. 443—
Mich. 288, 1163—Minn. 124—Mo.
432—N. J. 163—N. Y. 272, 957,
959, 1337, 1428—N. C. 247—Ohio
840, 1306—Pa. 295, 424—Tenn. 123
—Tex. 118, 253, 522—Wis. 220—
Canada 88, 297, 431, 476, 604

EX-CELL-O CORP.

Greenville Plant

945 E. Sater St.
Greenville, Ohio
Phone: LI 8-3166

(Actuators Only)

Ala. 8—Ariz. 54—Cal. 349, 942—
Colo. 213—Ill. 611—Ind. 457—
La. 186—Mass. 627—Mich. 197—
Mo. 473, 494—N. J. 281—N. Y.
356—Ohio 784, 1272—Pa. 162—
Tex. 387—Va. 118—Wis. 217

EX-CELL-O CORP.

Greenville Plant

945 E. Sater St.
Greenville, Ohio
Phone: LI 8-3166

(Gages & Surface Plates Only)

Cal. 692, 1386—Colo. 103—Conn.
334—Fla. 358—Ill. 100, 980—Ind.
237—Kan. 101—Ky. 130—Md. 182
—Mass. 327—Mich. 120, 896, 1216
—Minn. 284—Mo. 162, 473—N. J.
179—N. Y. 139, 418, 1525, 1634—
N. C. 113—Ohio 255, 826, 1597—
Okla. 150—Pa. 337, 1056—Tenn.
38—Tex. 297, 766—Utah 104—
Vt. 18—Va. 39—Wis. 448—Canada
222, 333, 463, 527

(For Sine Plate Distributors
Contact Ex-Cell-O Greenville)

(See advertisement p. 228)

EXACT WEIGHT SCALE CO., THE

551 E. Town St.
Columbus 15, Ohio
Phone: CA 4-6187

Ala. 19—Ark. 9—Cal. 484, 1295
—Colo. 125—Conn. 11—Ga. 201—
Idaho 20—Ill. 296, 1126—Ind. 35,
320—Iowa 92—La. 140—Md. 85—
Mass. 275, 276—Mich. 510, 1196
—Minn. 151—Mo. 21, 291—N. J.
290, 342, 359—N. Y. 631, 832, 1353,
1570, 1650—N. C. 225—Ohio 80,
283, 1042—Pa. 24, 94—Tex. 265,
663—Utah 36—Wash. 111—Wis.
292

EXCELSIOR TOOL & MACHINE CO.

3100 Ridge Ave.
E. St. Louis, Ill.
Phone: BR 1-1755

(Contact manufacturer direct)

EXOLON CO., THE

Tonawanda, N. Y.
Ill. 297—Mass. 584—Pa. 1236

EXPERT WELDING MACHINE CO.

Expert Automation Machine Co.
17144 Mt. Elliott
Detroit 12, Mich.
Phone: TW 1-4327
Ill. 1056

EXTREMULTUS, INC.

25-11 40th Ave.
Long Island City 1, N. Y.
Phone: EM 1-1820
Ala. 37—Ariz. 45—Cal. 164, 797,
1027, 1307—Colo. 195—Conn. 142,
342—Fla. 87, 162—Ga. 231, 324,
347—Ill. 36, 574, 933, 1097, 1200,
1308—Ind. 413—Iowa 60—Ky. 127
—La. 177—Me. 37—Md. 46—
Mass. 237, 317, 415—Mich. 135,
1023, 1136, 1270—Minn. 141—Mo.
47, 510—N. J. 2, 191, 352—N. Y.
27, 66, 309, 1005, 1088, 1568, 1602
—N. C. 138, 218—Ohio 339, 763,
1034, 1532—Okla. 98—Ore. 61—
Pa. 15, 222, 731, 1037—S. C. 84—
Tenn. 18, 73, 211, 263—Tex. 103,
516—Utah 63—Va. 35, 131—Wash.
3, 289, 313—Wis. 93

— F —

F. & D. TOOL CO., INC.

Bridge St.
Three Rivers, Mass.
Phone: AT 3-8391
Ariz. 122—Cal. 1504—Colo. 80,
201—Conn. 257, 406—Ill. 1056—
Kan. 114—Ky. 73—Mass. 40, 525
—Mich. 653—Minn. 67—Mo. 48,
586—N. M. 39—N. Y. 279, 1102,
1455—N. C. 141—Ohio 167, 826,
1186—Pa. 166, 728, 903, 1180—
Tex. 635—Utah 4—Vt. 19

FACTORY SERVICE CO.

4615 N. 21st St.
Milwaukee 9, Wis.
Phone: HI 5-2715
(Contact manufacturer direct)

FARNIR BEARING CO., THE

37 Booth St.
New Britain, Conn.
Phone: BA 5-5151
Cal. 485, 834—Colo. 71—Ga. 110
—Ill. 300, 990—Ind. 219—La. 49—
Md. 2—Mass. 213—Mich. 341—
Minn. 102—Mo. 100—N. Y. 1268,
1661—N. C. 55—Ohio 229, 604—
Ore. 84—Pa. 540, 874—Tenn. 146
—Tex. 172, 577—Wash. 112—Wis.
203

FAIRBANKS CO., THE

393 Lafayette St.
New York 3, N. Y.
Phone: SP 7-8800
Ga. 341—Ill. 301—Mass. 77—
N. Y. 834—Pa. 875

FAIRBANKS, MORSE & CO.

600 S. Michigan Ave.
Chicago 5, Ill.
Phone: HA 7-7100
Cal. 496, 1236—D. C. 27—Ga. 111
—Ill. 302—La. 105—Minn. 294—
Mo. 101, 391—Neb. 36—N. J.
159—Ohio 230, 605—Ore. 85—
Tex. 173

FALCON MACHINE & TOOL CO., INC.

211 Concord Turnpike
Cambridge 40, Mass.
Phone: TR 6-3269
(Contact manufacturer direct)

FALCON TOOL CO.

P. O. Box 4605
Detroit 34, Mich.
Phone: JE 6-6242
Ala. 45, 91, 196—Ariz. 178—Ark.
23—Cal. 436, 616, 894, 1094, 1315—
Colo. 176—Conn. 451—Fla. 253,
256, 272, 344—Ga. 83, 203—Ill.
576, 1207—Ind. 304—Kan. 95—
Ky. 39—La. 32, 181—Md. 32—
Mass. 358—Mich. 757, 854, 895,
974, 979, 1182—Miss. 36—Mo. 148,
518—N. J. 377—N. M. 30—N. Y.
1350, 1389, 1408, 1455, 1581—N. C.
6, 19, 132, 185—Ohio 1195, 1584,
1641, 1680—Pa. 752, 934—S. C. 26,
63—Tenn. 56, 104, 213, 267—Tex.
150, 243, 754—Utah 104—Va. 62,
130, 136, 155—Wash. 164—Wis.
106, 415, 488—Canada 462

FALCON TOOL CO.

(Kwiklok only)
Ala. 85, 94, 158—Ark. 10, 23—
Cal. 205, 532, 616—Colo. 131—
Conn. 145, 291, 314, 454, 467—
D. C. 16, 24, 91—Fla. 84, 171, 272
—Ga. 89, 188, 221—Ill. 405, 483,
1030, 1033, 1207—Md. 15, 27, 143
—Mass. 84, 155, 195, 261, 262,
644—Mich. 143, 225, 233, 516, 561,
593, 614, 1093, 1391—Mo. 302—
Neb. 50—N. Y. 170, 200, 257, 290,
301, 424, 654, 655, 679, 862, 973,
1106, 1213, 1235, 1311, 1356, 1521,
1538, 1554, 1562, 1574, 1578—Ohio
429, 621, 977, 1373—Okla. 24, 29,
99, 129—Pa. 499, 521, 598, 641,
680, 702, 739, 790, 798, 815, 900,
1083, 1105, 1106, 1272, 1282—R. I.
69—Tenn. 33, 75, 157—Tex. 766—
Utah 104—Va. 134—Wis. 47, 60,
207, 239, 323, 398, 451

FALK CORP., THE

3001 W. Canal St.
Milwaukee 1, Wis.
(Contact manufacturer direct)

FALLS PRODUCTS, INC.

Railroad Ave.
Genoa, Ill.
Phone: 4-5131
Cal. 897, 1416—Colo. 176—Conn.
376—D. C. 81—Ill. 20, 81, 115,
156, 208, 230, 308, 345, 495, 578,
712, 846, 859, 1157, 1165, 1168,
1181—Ind. 19, 263, 359—Iowa
130—Ky. 73—La. 210—Mass. 313
—Mich. 17, 189, 849, 1011, 1089,
1255, 1266—Minn. 124, 203, 231,
256, 327—Mo. 281—N. J. 217—
N. Y. 42, 153, 154, 368, 375—N. C.
213—N. D. 12—Ohio 278, 1161,
1739—Pa. 140, 182, 188, 337, 619,
709, 1145—Tex. 754—Utah 48—
Wa. 52, 56, 329, 413, 429, 442

FAMCO MACHINE CO.

3100 Sheridan Rd.
Kenosha, Wis.
Phone: OL 4-3516
Cal. 737—Ga. 303—Ill. 303—Mich.
60—N. Y. 835—N. C. 230—Pa. 174

FANSTEEL METALLURGICAL CORP.

2200 Sheridan Rd.
North Chicago, Ill.
(Contact manufacturer direct)

FARVAL DIV.

Eaton Mfg. Co.
3300 E. 80th St.
Cleveland 4, Ohio
Phone: VU 3-4560
Ala. 85—Cal. 613, 1306—Colo. 82
—Conn. 186—Ga. 113—Ill. 276—
Ind. 239—La. 48—Mass. 64—
Mich. 28, 326—Minn. 223—Mo.
65, 423—N. Y. 159, 869—N. C. 51
—Ohio 411, 584—Okla. 113—Ore.
54—Pa. 528, 857—Tenn. 143—
Tex. 341, 640—Utah 81—Wash.
50—Wis. 190

FAUVER CO., INC., J. N.

51 W. Hancock
Detroit 1, Mich.
Phone: TE 2-4115
(Contact manufacturer direct)

FAWICK AIRFLEX CO.

9919 Clinton Rd.
Cleveland 11, Ohio
(Contact manufacturer direct)

FEDERAL BEARINGS CO., INC., THE

Fairview Ave.
Poughkeepsie, N. Y.
Phone: GL 2-6000
Ariz. 51, 127—Ark. 14—Cal. 364,
887—Colo. 12, 220, 403—Ill. 325,
524A, 681A—Iowa 62—Ky. 33
—La. 54, 124—Mich. 376, 528—
Minn. 182—Mo. 47, 519—Mont. 3
—Neb. 54—N. Y. 740, 1561—Ohio
486, 609—Okla. 22—Ore. 134, 155
—Pa. 634, 793—S. D. 13—Tex. 13,
103, 135, 448, 509, 864—Utah 106
—Wash. 49

FEDERAL-BRYANT MACHINERY CO.

4639 Washington Blvd.
Chicago 44, Ill.
Phone: ES 8-3307
Cal. 431, 894—Mass. 466—Mich.
822—Mo. 433—N. J. 296—N. Y.
347, 450—Ohio 383, 982, 1657—
Pa. 166, 337

FEDERAL GEAR, INC.

1734 E. 47th St.
Cleveland 3, Ohio
Phone: EN 1-4940
(Contact manufacturer direct)

FEDERAL MACHINE CO., INC.

813 Garfield Ave.
Jersey City 5, N. J.
Phone: HE 5-1500

FEDERAL MACHINE & WELDER CO., THE

Overland Ave.
Warren, Ohio
Phone: FR 4-1501
Cal. 2, 1209—Conn. 153—Ill. 694
—Ind. 178—Mass. 195—Mich. 465
—Mo. 359—Neb. 37—N. Y. 302,
995—N. C. 103—Ohio 175, 759—
Pa. 1005, 1217—Tex. 208, 601—
Wis. 303

FEDERAL-MOGUL DIV.

Federal-Mogul-Bower Bearings,
Inc.

11031 Shoemaker Ave.
Detroit 13, Mich.
Phone: WA 1-0750
Cal. 05—Ill. 912—Mich. 344—
N. Y. 72—Ohio 606

FEDERAL PRESS CO.

511 Division St.
Elkhart, Ind.
Phone: JA 25115
Ala. 94—Cal. 104, 1191—Conn.
225—D. C. 86—Fla. 171—Ga. 19
—Ill. 243—N. Y. 173, 611, 1213,
1554—Ohio 621, 1105, 1589—R. I.
69—Tex. 285, 472—Utah 48

FEDERAL PRODUCTS CORP.

6125 Eddy St.
Providence 1, R. I.
Phone: ST 1-9300
(See advertisement p. 39)
Ariz. 37—Cal. 487, 1238—Colo.
58—Conn. 94—Ga. 140—Ill. 305
—Ind. 220—Kan. 101—Mich. 345
—Minn. 124—Mo. 162, 473—N. J.
585—N. Y. 1271—N. C. 171—
Ohio 607—Okla. 89—Ore. 44—
Pa. 103, 1237—R. I. 43—Tenn. 17
—Tex. 170, 472, 728—Utah 9
Wash. 218—Wis. 206

FEDERAL TOOL CORP.

3600 W. Pratt Blvd.
Chicago 45, Ill.
Phone: CO 7-3060
Cal. 238, 340, 859, 953—Conn. 43,
335, 462—Ill. 96, 230, 554, 1157—
Ind. 259—Iowa 52—Mass. 133, 528
—Mich. 760—Minn. 203—Mo. 84
—N. J. 225, 425—N. Y. 442, 685,
1371—N. C. 135—Ohio 915, 1161
—Pa. 468—R. I. 40—Tex. 252—
Wis. 415

FEDERAL TOOL ENGINEERING CO.

1384 Pompton Ave.
Cedar Grove, N. J.
Phone: CL 6-5300
Cal. 2, 1209—Ill. 694—Ind. 178—
Md. 102—Mich. 465—N. C. 103—
Ohio 759—Pa. 1217—Canada 205

FEDERAL TOOL & MFG.

3600 Alabama Ave.
Minneapolis 16, Minn.
Cal. 84—Conn. 345—Fla. 328—
Ill. 307—Ind. 319—Iowa 50—
Mich. 365, 995—Minn. 310—Mo.
78, 369—N. Y. 500, 1225—N. C.
191—Ohio 440, 1558—Pa. 729,
923—Tenn. 243—Wis. 377

FEEDALL, INC.

38399 Pelton Rd.
Willoughby, Ohio
Phone: WH 2-8100
Cal. 1542—Ill. 728—Ind. 178—
Mich. 608—N. J. 67—N. Y. 450,
1015, 1270—Ohio 259, 669, 1053—
Pa. 206, 570

FELKNER MFG. CO.

1128 Border Ave.
Torrance, Calif.
Phone: FA 8-4704
Cal. 1551

FELLOWS GEAR SHAPER CO.

78 River St.
Springfield, Vt.
Phone: TU 5-2131
(See advertisement p. 519)
Cal. 488—Ill. 306—Mich. 1290—
N. J. 287

FELTERS CO., THE

Unisorb Div.
210 South St.
Boston 11, Mass.
Phone: LI 2-7021
Ark. 23—Cal. 321, 1369—Colo. 72
—Conn. 156—Fla. 272—Ga. 236
—Ill. 478, 834, 935—Ind. 20, 349
—Iowa 38—La. 181, 217—Md. 27
—Mass. 20, 347, 541—Minn. 330
—Mo. 96, 341—Neb. 34—N. H. 14
—N. J. 299, 466, 478—N. Y. 66,
263, 643, 682, 1629, 1654—Ohio
1606, 1729—Pa. 64, 402, 447, 581,
1081—R. I. 20, 69—Tenn. 157,
225—Tex. 254, 476, 766—Va. 63
—W. Va. 35—Wis. 284, 425, 455
—Canada 433, 562

FEN MACHINE CO.

28914 Lakeland Blvd.
Wickliffe, Ohio
Phone: WH 3-3636
(Contact manufacturer direct)

FENN MFG. CO., THE

Fenn Rd.
Newington, Conn.
Phone: MO 6-2471
Cal. 615, 1517—Conn. 316—Ill.
1058—Mich. 576—N. Y. 1054—
Ohio 387, 1275—Wash. 259

FENWAY MACHINE CO., INC.

3107 N. Broad St.
Philadelphia 32, Pa.
(Contact manufacturer direct)
(See advertisement p. 516)

MANUFACTURERS

FERGUSON GEAR CO.

529 Airliner Ave.
Gastonia, N. C.
Phone: UN 4-2626
Ga. 321, 350—N. C. 57, 211—S. C. 44

FERGUSON MACHINE CORP. OF INDIANA

7818 Maplewood Industrial Ct.
St. Louis 17, Mo.
Phone: MI 7-5850
Cal. 221—Colo. 185—Ill. 814—
Ind. 454—Mass. 274—Mich. 1291
—N. Y. 839, 1272—N. C. 247—
Ohio 1375—Wash. 272

FERRACUTE MACHINE CO.

429 E. Commerce St.
Bridgeton, N. J.
Phone: GL 1-2200
Cal. 453—Conn. 314—Ga. 49—
Ill. 1033—Ind. 280—Mass. 572—
Mich. 56—Minn. 119—Mo. 364—
N. Y. 155, 707, 1106—Ohio 370,
648—Pa. 430, 798—Tenn. 50—
Tex. 243—Canada 83, 121, 138,
202, 422, 472, 597

FIDELITY CHEMICAL PRODUCTS CORP.

470 Frelinghuysen Ave.
Newark 12, N. J.
Phone: BI 2-4110
(Contact manufacturer direct)

FIELD ABRASIVE MFG. CO.

1303 Stanley Ave.
Dayton 4, Ohio
Phone: BA 3-7209
Ala. 45—Cal. 77, 219, 490, 491,
926, 1572—Hawaii 5—Ill. 126,
229, 445—Ind. 11, 39, 89, 131, 230,
380—Iowa 130—Kan. 2—Ky. 28
—Mass. 13, 210, 329, 620, 631,
660—Mich. 136, 828, 837, 914,
1088—Minn. 228—Mo. 211, 487—
N. Y. 494, 860, 1384—Ohio 22,
44, 90, 101, 123, 136, 153, 287,
712, 964, 1066, 1161, 1168, 1180,
1592—Okla. 108—Ore. 95—Pa.
213, 226, 580, 671—R. I. 67—
Tenn. 21, 242—Tex. 252, 330, 487
—Wis. 197, 457—Canada 155, 550

FIELD: SENSITIZER MACHINE CO.

417 N. Monroe St.
Portland 17, Ore.
Phone: AT 7-2002
(Contact manufacturer direct)

FIELD & SON, INC., W. W.

39 Hayward St.
Cambridge 42, Mass.
Phone: TR 6-7516
Cal. 5—Ill. 495, 626—Mass. 273,
421—Mich. 1167—S. D. 3—Tex.
472

FINESCALE CO.

218 S. Western Ave.
Los Angeles 4, Calif.
Phone: DU 5-6834
Cal. 19, 81, 99, 276, 592, 616, 730,
1018, 1399, 1533, 1568—Conn. 43,
105, 111, 264—Ill. 412, 445—Mass.
194—Mich. 288, 620—N. Y. 682,
709—Ohio 578, 947, 1235—Okla.
29, 129—Ore. 68, 106—Pa. 468—
Tex. 476

FINISH ENGRG. CO., INC.

921 Greengarden Rd.
Erie, Pa.
Phone: GL 5-4478
(Contact manufacturer direct)

FIRESTONE PLASTICS CO. Chemical Div.

P. O. Box 690
Pottstown, Pa.
Phone: FA 6-2000
(Contact manufacturer direct)

FIRTH STERLING, INC.

3113 Forbes Ave.
Pittsburgh 30, Pa.
Phone: MU 2-4600
Ala. 44—Cal. 492—Conn. 447—
Ill. 968—Mich. 350—N. J. 316—
Ohio 612, 1177—Pa. 878—Tex.
579—Canada 149

FISCHER DIE & STAMPING CO.

445 Metropolitan Ave.
Hyde Park 36, Mass.
Phone: HY 3-3857
Mass. 321

FISH-SCHURMAN CORP.

70 Portman Rd.
New Rochelle, N. Y.
Phone: NE 6-1300
Cal. 894—Conn. 472—Ill. 684—
Mass. 441—N. Y. 135, 544, 629,
1266, 1437—Ohio 980—Tenn. 105

FISKE BROTHERS REFINING CO.

Lubriplate Div.
129 Lockwood St.
Newark 5, N. J.
Phone: MI 3-9150
(Contact manufacturer direct)

FITCHBURG ENGINEERING CORP.

Cleghorn St. & Oak Hill Rd.
Fitchburg, Mass.
Phone: DI 3-7418
Conn. 314—Ill. 1056—Ind. 338—
Mich. 143—N. Y. 170, 1106
Ohio 370, 621, 1617—Pa. 739—
Canada 469

FJELLMAN AMERICAN, INC.

105 Republic Ave.
Joliet, Ill.
Phone: SA 5-1268
(Contact manufacturer direct)

FLATON MACHINE WORKS, INC.

814 Pardella
Lemay 25, Mo.
Phone: FL 3-0011
Ark. 24—Cal. 451, 913, 934, 938,
1029—Colo. 185, 194—Conn. 266
—Fla. 68—Ill. 97, 596, 651—Ind.
450, 528, 545—Ky. 48, 68—La.
138—Me. 13—Mich. 439—Minn.
49, 53, 141—Mo. 190, 423, 579—
Neb. 54—N. J. 352—N. Y. 762,
1417, 1562, 1589—Ohio 417, 461,
595, 893, 1294—Ore. 56—Pa. 904,
940, 1081, 1196—Tex. 189—Utah
66—Va. 138—Wash. 53—Wis. 123,
433

FLEXIBLE TUBING CORP.

New Whitfield St.
Guilford, Conn.
Phone: GL 3-2777
Cal. 16, 1242—Conn. 132—Ga.
112—Ill. 925—Mo. 2—Ohio 614,
1179—Tex. 176

FLEXONICS CORP.

1315 S. 3rd Ave.
Maywood, Ill.
Phone: FI 3-8000
Cal. 1467—Ill. 960—Mich. 353—
N. J. 132—Tenn. 147

FLICK-REEDY CORP.

Tru-Seal Div.
York & Thorndale Rds.
Bensenville, Ill.
Phone: PO 6-3400
Ala. 90, 199—Cal. 628, 1303—
Colo. 213—Conn. 175—Ga. 178
—Ill. 30, 998, 1183—Ind. 85, 325,
539—Ky. 129—Md. 104—Mass.
85—Mich. 537, 858, 948, 1115—
Minn. 179—Mo. 176, 573—N. J.
385—N. Y. 513, 667, 964, 1317,
1526—Ohio 325, 773, 1069, 1236,
1393, 1487, 1568—Pa. 627, 963—

Tex. 217, 617—Wash. 187—Wis.
205—Canada 368, 484

FLODAR CORP.

16911 St. Clair Ave.
Cleveland 15, Ohio
Phone: IV 6-2200
(See advertisement p. 491)
Ala. 7—Cal. 323, 1201—Colo. 95
—Ga. 346—Ill. 552—Ind. 85—
Ky. 129—La. 186—Md. 165—
Mich. 277—Minn. 35, 224—Mo.
494—N. J. 281—N. Y. 261—Ohio
725, 784, 1236—Pa. 2—Tex. 572
—Wash. 257—Canada 19, 33, 425,
479

FLYNN MFG. CO.

18301 Weaver
Detroit 28, Mich.
Phone: BR 2-3188
Ala. 196—Ariz. 37—Colo. 142—
Conn. 343—D. C. 87—Fla. 175—
Idaho 11—Ill. 445—Ind. 250—
La. 217—Md. 27—Mass. 59—
Mich. 1391—Minn. 231—Mo. 361
—Neb. 37—N. J. 330—N. Y. 1052
—N. C. 135—Ohio 1161—Okla.
24—Ore. 131—Pa. 839—Tex. 150
—Utah 26—Wash. 244—W. Va.
18—Wis. 368

FONDA GAGE CO., INC.

200 Henry St. - P. O. Box 1050
Stamford, Conn.
Phone: DA 4-5787
Ariz. 37—Cal. 99, 228, 602, 730,
1134, 1241, 1473—Colo. 48—
Conn. 449—Fla. 163, 322—Ga. 89
—Ill. 100, 1216—Ind. 478—Kan.
102—Mass. 488—Mich. 392, 887,
1163—Minn. 124, 254—Mo. 235,
377—N. J. 67, 547—N. Y. 373—
N. C. 247—Ohio 826, 1306—Okla.
154—Pa. 651, 1263—Tenn. 123—
Tex. 170—Utah 104—Wash. 253
—Wis. 432

FOOTE BROTHERS GEAR & MACHINE CORP.

4545 S. Western Blvd.
Chicago 9, Ill.
(Contact manufacturer direct)

FOOTE-BURT CO., THE Schraner Div.

13000 St. Clair Ave.
Cleveland 8, Ohio
Phone: UL 1-3900
Cal. 764—Conn. 145—Ga. 260—
Ill. 1149—Ind. 298, 360—Mich.
354—Minn. 243—Mo. 569—N. J.
37—N. Y. 1037, 1442—Ohio
1205, 1275—Pa. 752, 790, 903

FORCE & CO., INC., WM. A.

216 Nichols Ave.
Brooklyn 8, N. Y.
Phone: MI 7-3800
(Contact manufacturer direct)

FORD MFG. CO., INC., M. A.

1545 Rockingham Rd.
Davenport, Iowa
Phone: 7-3251
(See advertisement p. 40)
Ala. 45—Ariz. 122—Cal. 293, 337,
473, 668, 1319, 1504, 1575—Colo.
2, 106—Conn. 43—D. C. 24—Fla.
135—Ga. 82—Idaho 11—Ill. 604,
658, 706, 835, 849, 975, 1007, 1093,
1157, 1169, 1268—Ind. 39, 61, 412,
519—Iowa 27, 130, 180—Md. 90,
92, 96—Mass. 59, 67, 133, 326,
350, 681—Mich. 45, 963, 1102,
1350—Minn. 267—Mo. 119, 518,
587—Neb. 37—Nev. 7—N. H. 10,
15—N. J. 324, 514—N. Y. 63, 100,
124, 277, 445, 766, 847, 1249, 1408,
1518—Ohio 256, 840, 1066, 1157,
1728—Okla. 120, Ore. 110—Pa.
29, 184, 346, 568, 1081, 1161, 1313,
—R. I. 20, 28—Tenn. 139—Tex.
52, 211, 251, 614, 762—Va. 120—
Wash. 268—Wis. 79, 429, 455, 488

FOREDOM ELECTRIC CO., INC.

Bethel, Conn.
Phone: FI 8-3521
Ariz. 45—Cal. 51, 76, 219, 302,
344, 442, 503, 589, 897, 945, 1128,
1133, 1252, 1305, 1485, 1582—
Conn. 43, 83, 212, 269, 427—D. C.
28—Hawaii 28—Ill. 114, 702,
876—Mass. 371, 660—Mich. 417
—Minn. 139, 267—Mo. 149—N. J.
267, 351—N. Y. 682, 704, 733,
793, 829, 860, 919, 1051, 1063,
1199, 1502, 1628, 1670—Ohio 853
—Ore. 135, 203—Pa. 349, 496—
R. I. 28, 34, 57—Utah 71—Va. 146
—Wash. 44—Wis. 415—Canada
26, 83, 121, 150, 193, 202, 422,
472, 541, 597

FORM-ALL MFG. CO.

Long Valley, N. J.
Phone: GA 5-9500
(Contact manufacturer direct)

FORMICA CORP.

Div. American Cyamid Co.
4614 Spring Grove Ave.
Cincinnati, Ohio
(Contact manufacturer direct)

FORREST MFG. CO., INC.

231 State Hwy. 17
Rutherford, N. J.
Phone: WE 9-2564
Ill. 1240, 1297—Mass. 79—N. J.
515—N. Y. 729—Pa. 1045—W. Va.
63

FORTHMAN CARBIDE SCRAPER CO., CLIFF J.

1633 Elkton Pl.
Cincinnati 24, Ohio
Phone: MU 1-0382
Ohio 1606—Tenn. 93

FOSDICK MACHINE TOOL CO., THE

1638 Blue Rock St.
Cincinnati 23, Ohio
Phone: KI 1-4545
Ala. 94—Cal. 545, 1191—Colo. 63
—Conn. 126—D. C. 24—Fla. 174,
254—Ga. 55—Ill. 465—Ind. 294—
Iowa 110—La. 96, 207—Mich.
357, 1034—Minn. 94—Mo. 96—
N. J. 71—N. Y. 301, 1311, 1536—
N. C. 52—Ohio 287, 621, 1089,
1211—Okla. 129—Ore. 44—Pa.
1083—R. I. 56—Tenn. 37, 248—
Tex. 249, 766—Wash. 92—Wis.
279

FOSTER GAGE CORP., C. E.

5341 English Ave.
Indianapolis 19, Ind.
Phone: FL 7-9789
(Contact manufacturer direct)

FOSTORIA CORP.

Buck & County Line Rds.
Huntingdon Valley, Pa.
Phone: HO 4-2000
Ariz. 69—Cal. 98, 556, 895—Fla.
26, 287—Ill. 313, 453—Mich. 358
—N. J. 276, 489—Ohio 1043, 1342
—Ore. 111—Pa. 302—Utah 111—
Canada 148

FOX ENGINEERING CO.

1358 Francis St.
Jackson, Mich.
Phone: ST 2-9349
(Contact manufacturer direct)

FRANKLIN GEAR WORKS, INC.

4401 Ravenswood Ave.
Chicago 40, Ill.
Phone: LO 1-0950
Cal. 1004—Conn. 492—Mich. 315
—Ohio 308, 993

FRANTZ CO., INC., S. G.
Brunswick Pike & Kline Ave.
P. O. Box 1138
Trenton 6, N. J.
Phone: TU 2-7100
(Contact manufacturer direct)

FRAUENTHAL DIV.
The Kaydon Engineering Corp.
Muskegon, Mich.
Phone: PE 3-2184
Ohio 669

FREELAND GAUGE CO.
9940 Freeland
Detroit 21, Mich.
Phone: WE 3-7680
Cal. 1473, 1504—Ill. 1046—Ind.
237—Mass. 443—Mich. 1163—
Minn. 67—Miss. 28—Mo. 432—
N. Y. 779, 1236, 1428—Ohio 550
—Pa. 383, 1033—Wash. 236—
Wis. 432

FREEWAY WASHER & STAMPING CO.
P. O. Box 1756
Cleveland 6, Ohio
Phone: BR 1-6262
Cal. 989—Fla. 213—Ill. 687—Ind.
319—Iowa 34—Mich. 440, 1227—
Minn. 156—Mo. 122, 553—N. Y.
403, 776—Ohio 23, 789, 1199, 1337
—Pa. 5, 923—R. I. 76—Tex. 343
—Wash. 195—Wis. 291, 466

FRENCH ENTERPRISES
22050 Telegraph Rd.
Southfield 41, Mich.
Phone: EL 6-9300
(Contact manufacturer direct)

FREW MACHINE CO., THE
121 E. Luray St.
Philadelphia 20, Pa.
Phone: DA 4-6025
(Contact manufacturer direct)

FREYMAN & SONS, INC., J. E.
3627 Keswick Rd.
Baltimore 11, Md.
Phone: CH 3-1306
N. Y. 573

FROOM & CO., R. H.
Mechanical Handling Div.
1825 W. 169th St.
Gardena, Calif.
Phone: DA 4-7495
(Contact manufacturer direct)

FROSTRODE DIV.
Warren Alloy
915 Oakland Ave.
Pontiac, Mich.
Phone: FE 4-0523
Cal. 1544—Ill. 522—Mass. 614—
Wis. 400

FRY TOOL MFG. CO.
Eaton, Ohio
Phone: GL 6-2212
(Contact manufacturer direct)

FULMER CO., C. ALLEN
1211 First National Bank Bldg.
Cincinnati 2, Ohio
Phone: MA 1-4683
Ala. 37, 196—Cal. 453, 1191—
Colo. 131—Conn. 454—Ga. 188—
Ill. 660—La. 217—Mass. 121—
Mo. 227, 569—Neb. 37—N. Y.
290, 655, 1322, 1538—N. C. 19—
Ohio 429, 1373—Okla. 97—Ore.
157—Pa. 702, 1045—Tenn. 38—
Tex. 285, 732—Utah 46—Va. 135
—Canada 434, 606

FULLER BRUSH CO., THE
Industrial Products Div.
East Hartford 22, Conn.
Phone: BU 9-6811
Cal. 496, 902—Conn. 95—Ga. 115

—Ind. 123—Minn. 112—N. J. 47
—Ohio 1572—Tex. 182—Wash.
117

FULLER MERRIAM CO., THE
70 Water St.
West Haven 16, Conn.
Phone: WE 3-2501
Conn. 338, 367, 471—Ill. 569—
Mass. 2, 272—Mich. 481—N. J.
15—N. Y. 365, 1174—N. C. 141—
Ohio 703, 1451

FURANE PLASTICS, INC.
4516 Brazil St.
Los Angeles 39, Calif.
Phone: CH 5-1151
Ariz. 108—Cal. 972, 1145—Colo.
36—Ga. 344—Ill. 1132—Ind. 249
—Kan. 119—La. 77—Mich. 688—
Minn. 92—Mo. 108, 401—N. Y.
305, 512—Ohio 1078—Tex. 438—
Wash.—141—Wis. 160.

FURNAS ELECTRIC CO.
1000 McKee St.
Batavia, Ill.
Phone: TR 9-3410
Ariz. 94—Ark. 42—Cal. 402,
1197—Colo. 66—Fla. 220—Ga.
335—Ill. 129, 833, 889—Ind. 373
—Iowa 68, 126—La. 129—Mass.
141—Mich. 61, 343, 796—Minn.
320—Mo. 161, 231, 450—N. J. 182
—N. Y. 1347—N. C. 31—Ohio
231, 1459, 1660, 1666—Ore. 79—
Pa. 8, 882—Tex. 167, 572, 877—
Utah 51—Va. 104—Wash. 194—
W. Va. 26—Wis. 482

FUTURE PRODUCTS TOOL CORP.
885 N. Rochester Rd.
Clawson, Mich.
Phone: JO 6-2398
(Contact manufacturer direct)

FUTURMILL, INC.
6360 Highland Rd.
Pontiac, Mich.
Phone: OR 3-1267
(See advertisement p. 2)
Ala. 45—Ariz. 106—Cal. 242, 763,
894, 1088—Colo. 80—Conn. 224—
Fla. 333—Ga. 157, 258—Ill. 467—
Ind. 462, 474—Iowa 66—Kan. 100
—Mass. 13, 194, 620—Mich. 48,
833, 1033, 1324—Minn. 231—Mo.
160, 586—N. J. 152—N. Y. 47,
460, 823, 849, 1285, 1418, 1581—
N. C. 135—Ohio 103, 147, 1122—
1329, 1565—Okla. 125—Pa. 568,
992, 1266—S. C. 34—Tex. 487,
700—Utah 26—Va. 63—Wash.
244—Wis. 26, 368

— G —

GLD PRODUCTS CO.
19327 Florence
Roseville, Mich.
Phone: PR 8-7331
(Contact manufacturer direct)

GAERTNER SCIENTIFIC CORP., THE
1241 Wrightwood Ave.
Chicago 14, Ill.
Phone: BU 1-5335
(Contact manufacturer direct)

GAGE-RITE, INC.
521 E. Middle Turnpike
Manchester, Conn.
Phone: MI 3-4325
Conn. 233

GAIRING TOOL CO.
21221 Hoover Rd. - P. O. Box
478, Roosevelt Park Annex
Detroit 32, Mich.
Phone: JE 6-6220
(See advertisement p. 522)
Ala. 45—Cal. 337, 1245—Colo. 80

—Conn. 224—D. C. 24—Ga. 200
—Ill. 728, 869—Ind. 231—Kan.
114—Mass. 236—Mich. 18, 287—
Minn. 118—Mo. 50, 495—N. J.
547—N. Y. 779, 1169, 1502—N. C.
87—Ohio 79, 299, 1591—Ore. 95
—Pa. 637, 1033—Tex. 762, 904—
Utah 79—Wash. 182—Wis. 250—
Canada 431

GALLMEYER & LIVINGSTON CO.
336 Straight St. SW.
Grand Rapids 2, Mich.
Phone: GL 9-8391
Ariz. 38—Cal. 532, 615, 1106,
1255, 1278—Colo. 100—Conn. 314
—D. C. 24—Fla. 21—Ga. 90—Ill.
290—Ind. 338—La. 181—Mass.
121—Mich. 1391—Minn. 327—
Mo. 97, 429—N. Y. 346, 1106,
1371, 1562—N. C. 52—Ohio 429,
631, 1617—Pa. 739, 790—Tenn.
75, 159—Tex. 216, 685—Utah 104
—Va. 120—Wash. 64—Wis. 201—
Can. 434, 606

GALE SEPARATOR CO., INC.
Div. of Infilco, Inc.
901 S. Campbell Ave.
Tucson, Ariz.
Cal. 518—Mass. 637—Mich. 714—
Mo. 193—N. Y. 197, 655—Ohio
330—Pa. 881, 1170—Wis. 480

GALLAND-HENNING MFG. CO.
2753 S. 31st St.
Milwaukee 46, Wis.
Phone: MI 5-6000
(See advertisement p. 478)
Ala. 7—Ark. 21—Cal. 805, 1375—
Colo. 208—Conn. 229—Ga. 106—
Hawaii 5—Idaho 22—Ill. 685, 939
—Ind. 264—Kan. 74—Mass. 30,
655—Mich. 197—Minn. 109—Mo.
181, 287—Mont. 38—N. J. 272—
N. Y. 19, 899, 1223—Ohio 62, 365,
1733—Ore. 66—Pa. 354, 442, 1094
—S. C. 85—Tenn. 240—Tex. 611
—Wash. 129—W. Va. 69—Wis.
409, 476—Canada 53, 216

GAMMONS-HOAGLUND CO., THE
395 Main St.
Manchester, Conn.
Cal. 606, 1075, 1207—Conn. 239
—Fla. 135—Ga. 221—Ill. 278—
Ind. 401—Md. 18—Mich. 170—
Minn. 243—Mo. 374—N. J. 453
—N. Y. 1266—N. C. 177—Ohio
433—Ore. 76—Pa. 637, 1133—R. I.
14—Wash. 69—Canada Toronto
433

GAR PRECISION PARTS, INC.
190 Henry St.
Stamford, Conn.
Phone: FI 8-2671
Cal. 1482—Colo. 223—Ga. 266—
Ind. 336—Kan. 76—Mass. 487—
Ohio 1692—Tex. 303

GARDNER-DENVER CO.
Front St.
Quincy, Ill.
Phone: BA 2-5400
(See advertisement p. 492)
Ala. 46—Cal. 500, 1246—Colo.
75—D. C. 29—Ga. 117—Ill. 320,
1128—Ind. 225—Ky. 61—La. 107
—Mich. 1152, 1239—Minn. 5,
297—Mo. 24, 110—Mont. 18—N. J.
N. J. 550—N. Y. 226—Ohio 622—
Okla. 92—Pa. 550, 885—Tenn. 81
—Tex. 185, 407, 583—Utah 43—
Wash. 118—Canada 14, 54, 104,
127, 214, 337, 531

GARDNER MACHINE CO.
Beloit, Wis.
Phone: DU 9-2251
Ill. 1040—Ind. 495—Mich. 361—
N. J. 133—Ohio 623—Tenn. 23

MANUFACTURERS

GARDNER MACHINE CO.
(Abrasives only)
Cal. 1278—Mass. 509—Mo. 95—
N. Y. 227—Pa. 886—Wis. 19

GARDNER MACHINE CO.
(Machines only)
Ariz. 60—Cal. 545, 1191—Colo. 4
—Conn. 314—La. 32, 181—Md. 27
—Mass. 155—Miss. 36—Mo. 508
—N. Y. 346, 1106, 1371, 1562—
Ore. 82—Pa. 739, 790—Tex. 685
—Wash. 132, 327

GARLOCK PACKING CO., THE
402 Main St.
Palmyra, N. Y.
Phone: LY 7-4811
Ala. 47—Cal. 502, 1247—Colo.
76—Ill. 321—Mass. 80—Mich. 362
Mo. 402—N. Y. 851, 1173—Ohio
624—Okla. 93—Ore. 88—Pa. 551,
887—Tex. 584—Canada 338

GARRETT CO., INC., GEORGE K.
Torresdale Ave. at Tolbut St.
Philadelphia 36, Pa.
Phone: DE 2-6000
Ill. 322—Ind. 226—Mass. 259—
Mich. 364—N. Y. 852—Ohio 625

GARRISON MACHINE WORKS, INC.
515 Bannock St.
Dayton 4, Ohio
Phone: BA 2-6708
(Contact manufacturer direct)

CAST MFG. CORP.
2304 Hwy. M-139
Benton Harbor, Mich.
Phone: WA 6-6171
Ariz. 7—Cal. 389, 1890—Ga. 339
—Ind. 47—Mich. 302—Minn. 176
—N. Y. 169—N. C. 82—Ohio 543,
1188—Okla. 35—Ore. 152—Pa.
696, 1000—Tex. 387, 775—Wash.
213—Canada 33, 344, 533

GATCO ROTARY BUSHING CO.
42330 Ann Arbor Rd.
Plymouth, Mich.
Phone: GL 3-2295
Cal. 730—Ill. 1134—Mass. 443—
Mich. 428—Mo. 50—N. Y. 253—
N. C. 247—Ohio 810—Pa. 1208—
Tex. 559—Canada 169, 460

GATES RUBBER CO., THE
999 S. Broadway
Denver 17, Colo.
Phone: SH 4-1911
(Contact manufacturer direct)

GAY-LEE CO.
71 W. 14 Mile Rd.
Clawson, Mich.
Phone: JO 4-6111
Conn. 244—Ill. 927—Ohio 460,
1116, 1625

GEAR-O-MATION DIV.
Michigan Tool Co.
7171 E. McNichols
Detroit 12, Mich.
Phone: TW 1-3111
(Contact manufacturer direct)

GEAR SPECIALTIES, INC.
2635 W. Medill Ave.
Chicago 47, Ill.
Phone: DI 2-3200
Ill. 1144—Ind. 573—N. Y. 1088—
Ohio 1609—Tex. 179

MANUFACTURERS

CELBER & SONS, INC., S.

5806 N. Lincoln Ave.
Chicago 45, Ill.
Phone: LO 1-3787
(Contact manufacturer direct)

GENERAL AUTOMATION CORP.

40-66 Lawrence St.
Flushing 54, N. Y.
Phone: HI 5-7300
(Contact manufacturer direct)

GENERAL BOX CO.

1825 Miner St.
Des Plaines, Ill.
Phone: VA 4-4181
Ill. 856, 873—Ky. 62—Mass. 633—
Mich. 368—Miss. 38—Mo. 112—
N. J. 100—Ohio 243—Tenn. 237—
Tex. 140, 540—Wis. 465

GENERAL BROADCH & ENGINEERING CO.

14333 Prairie
Detroit 38, Mich.
Phone: UN 4-2356
(Contact manufacturer direct)

GENERAL CONTROLS CO.

801 Allen Ave.
Glendale 1, Calif.
Phone: VI 9-2181
Ariz. 46—Cal. 78, 222, 504, 1248
—Colo. 77—Conn. 173—Fla. 172
—Ga. 118—Ill. 1249—Ind. 228—
Kan. 88—La. 108—Md. 57—Mass.
41—Mich. 369, 1074—Minn. 113—
Mo. 113, 403—Neb. 38—N. J. 586
—N. Y. 228, 854, 1495—N. C. 61—
Ohio 244, 627, 1044—Okla. 94—
Ore. 89—Pa. 238, 890—R. I. 77—
Tenn. 25—Tex. 187, 585, 798—
Utah 44—Wash. 120—Wis. 209—
Canada 4, 56, 105, 174, 339, 532

GENERAL ELECTRIC CO.

Apparatus Sales Div.
1 River Rd.
Schenectady 5, N. Y.
Phone: FR 4-2211
Ala. 50, 178—Ariz. 47, 125—Ark.
19—Cal. 182, 505, 903, 1051, 1068,
1101, 1249, 1535—Colo. 78—Conn.
174, 290—D. C. 30—Fla. 86, 173,
264, 353—Ga. 119, 326, 351—Haw-
waii 2—Idaho 2—Ill. 327, 1098,
1161, 1262—Ind. 34, 69, 229, 524
—Iowa 20, 54, 102, 175—Kan. 89
—Ky. 21, 63—La. 2, 14, 41, 109,
200—Me. 6, 10—Md. 58, 170—
Mass. 82, 510, 653—Mich. 22,
370, 860, 953, 1087, 1116, 1153,
1318—Minn. 6, 23, 114—Miss. 7,
16—Mo. 28, 114, 404—Mont. 8,
20—Neb. 9, 39—N. H. 16—N. J.
361, 564—N. M. 18—N. Y. 17, 58,
229, 441, 855, 1141, 1280, 1496,
1600—N. C. 62, 164, 220—N. D.
2—Ohio 18, 94, 245, 628, 1045,
1181, 1574, 1713—Okla. 23, 95—
Ore. 15, 29, 90—Pa. 19, 194, 323,
553, 891, 1157, 1307—R. I. 45—
S. C. 18, 46—Tenn. 26, 82, 151,
238, 270—Tex. 4, 18, 43, 68, 188,
408, 442, 586, 799, 859—Utah 45
—Vt. 13—Va. 91, 145, 166—Wash.
27, 121, 122, 321, 358—W. Va. 7,
25, 49, 83—Wis. 7, 210—Canada
340

GENERAL ELECTRO MECHANICAL CORP.

785 Hertel Ave.
Buffalo 7, N. Y.
Phone: BE 9685
Cal. 1153, 1438—Colo. 36—Fla.
43, 266—Ill. 179—Md. 71—Mich.
468, 714, 1028—Minn. 192—Mo.
586—N. J. 516—N. Y. 60, 481,
621, 671, 1290—Ohio 1373, 1647,
1695—Pa. 233, 1211—Wash. 105

GENERAL HARDWARE MFG. CO., INC.

80 White St.
New York 13, N. Y.
Phone: BA 7-2648
(Contact manufacturer direct)

GENERAL INDUSTRIAL DIAMOND CO., INC.

Manufacturers Village
East Orange, N. J.
Phone: OR 4-7322
(Contact manufacturer direct)

GENERAL MACHINE CO., INC.

4th & Furnace Sts.
Emmaus, Pa.
Phone: WO 5-9041
Conn. 406—Ga. 82—Ill. 392, 1117,
—Iowa 50—Kan. 98—Md. 18—
Mass. 668—Mich. 1237—N. J. 392
N. Y. 215, 1388, 1510, 1603—N. C.
19—Ohio 615, 1263—Pa. 102, 166,
435—Tex. 336—Wis. 254

GENERAL MFG. & ENGINEERING CO.

6430 Farnsworth
Detroit 11, Mich.
Phone: WA 1-0190
Cal. 265, 644—Ill. 1056—Mass.
15—Mich. 173—Minn. 231—N. J.
104—N. Y. 200, 1356, 1548—Pa.
233—Wash. 132—Canada 422

GENERAL RADIO

22 Baker Ave.
West Concord, Mass.
Phone: EM 9-4400
Cal. 309, 506—Ill. 1041—Md. 195
—N. J. 495—Pa. 3—Canada 341

GENERAL TOOL DIV., THE

The General Fire Extinguisher
Corp.
8740 Washington Blvd.
Culver City, Calif.
Phone: UP 0-6644
Cal. 532, 545, 616, 757, 842, 897,
928, 1401—Conn. 395—Ill. 206,
296, 445—La. 199—Mich. 425,
958, 1093, 1222—Minn. 176, 203,
283—Mo. 488—Neb. 37—N. C. 94
—Ohio 1178—Pa. 585—S. C. 9—
Wash. 132—Wis. 304, 409

GENESSE MFG. CO.

566 Hollenbeck St.
Rochester 21, N. Y.
Phone: CO 6-3201
Cal. 340, 1518—Conn. 239—Ill.
511—Ind. 209—Mass. 612—Mich.
561—Mo. 433—N. J. 453, 527—
N. Y. 1236, 1425—Ohio 147, 616,
1122—Pa. 190—R. I. 14—Wis. 432

GENEVAMATIC ENGINEERING CORP.

4623 N. Hubert-P. O. Box 10386
Tampa 9, Fla.
Phone: RE 6-6388
Conn. 439—Minn. 53—N. J. 176

GEOMETRIC-HORTON

Div. of United-Greenfield Corp.
1 Valley St.
New Haven 15, Conn.
Phone: FU 7-2525
Ariz. 37—Cal. 249, 340, 473, 503,
509, 1298—Colo. 142—Conn. 208,
269—Fla. 186, 272—Ga. 248—
Ill. 304, 328—Ind. 67, 164, 522—
Kan. 85—Ky. 98—La. 101, 207—
Md. 18—Mass. 59, 319, 531, 692—
Mich. 7, 174, 371, 382, 835, 862,
958, 1088, 1127, 1162, 1222, 1262,
1273, 1319—Minn. 267—Miss. 43
—Mo. 95, 96, 587—Neb. 37—N.
J. 242, 374, 413—N. Y. 153, 277,
1095, 1240—N. C. 135, 180, 187—
Ohio 383, 630, 822, 992, 1084,
1161, 1516, 1566, 1641, 1657, 1729
—Okla. 32, 99—Ore. 100—Pa. 72,
167, 188, 346, 839, 1028, 1145—
R. I. 64—Tenn. 32, 122—Tex. 116,
520, 870—Va. 63, 99, 120—Wash.
137—Wis. 368, 429—Canada 80,
116, 196, 401, 470, 606

GEORGE MACHINERY CO., JAMES W.

519 E. Jefferson Ave.
Detroit 26, Mich.
Phone: WO 1-4522
Ohio 554—Pa. 980, 1281—Tex.
700—Canada 433

GERBING MFG. CORP.

759 S. State Rd.
Elgin, Ill.
Phone: SH 1-2790
Ala. 154—Cal. 609, 1429—Kan.
34—Mich. 949, 1174—N. Y. 859—
Ohio 553—Ore. 202—Pa. 959—
Tex. 117

GIDDINGS & LEWIS MACHINE TOOL CO.

142 Doty St.
Fond du Lac, Wis.
Phone: WA 1-9400
Ala. 92—Ariz. 102—Cal. 453,
1278—Colo. 4—Conn. 476—Fla.
43—Ga. 188—Ill. 483—Ind. 298
—Kan. 91—La. 100, 199—Mass.
121—Mich. 833—Minn. 231—Mo.
119, 429—Neb. 50—N. Y. 321,
1036, 1549—Ohio 327, 786—Okla.
97—Ore. 179—Pa. 992, 1282—
Tenn. 38, 157—Tex. 250, 752—
Utah 104—Va. 62—Wash. 259,
347—Wis. 288—Canada 25, 78,
168, 400, 469, 583

GILMAN INC., RUSSEL T.

624 Beech St.
Grafton, Wis.
Phone: DR 7-2434
(See advertisement p. 512)
Cal. 49, 816—Ill. 20, 206, 585, 621,
1115, 1205—Ind. 254, 544—Ky.
28—Mass. 579—Mich. 705, 804—
Minn. 256—Mo. 488—N. J. 113—
N. Y. 424, 1235—Ohio 775—Tenn.
157—Va. 73—Wis. 422

GILMORE & CO., INC., F. F.

725 Boylston St.
Boston 16, Mass.
Phone: KE 6-2368
Cal. 542—Conn. 24—Me. 19—Md.
90—N. H. 12—N. C. 19—Ohio
121, 1253—S. C. 66—Wash. 268

GIRARD ASSOCIATES

P. O. Box 248
Chambersburg, Pa.
Phone: CO 3-4117
(Contact manufacturer direct)

GISHOLT MACHINE CO.

1245 E. Washington Ave.
Madison 10, Wis.
Phone: AL 6-9081
Ala. 158—Ariz. 102—Cal. 512,
1451—Colo. 142—Conn. 176—Fla.
174—Ga. 90, 120—Ill. 1042, 1220
—La. 158, 310—Mich. 375—Minn.
94—Mo. 119, 410—Neb. 37—N. J.
73—N. Y. 232—Ohio 632, 1182—
Okla. 132—Ore. 82—Pa. 894, 1209
—Tex. 587—Utah 104—Va. 120
—Wash. 92—Wis. 40—Canada
80, 119, 401, 470

GITS BROTHERS MFG. CO.

8146 S. Kilbourn Ave.
Chicago 23, Ill.
Phone: LA 1-3554
Cal. 511—Ill. 333—N. J. 465

GLADWIN TOOL CO.

2815 Mason St.
Flint 5, Mich.
Phone: CE 9-8002
(Contact manufacturer direct)

GLEASON WORKS

1000 University Ave.
Rochester 7, N. Y.
Phone: GR 3-1000
(Contact manufacturer direct)

CLEBAR CO., INC.

Commerce St.
Franklin Lakes, N. J.
Phone: FE 7-8595
(Contact manufacturer direct)

GLENBARD TOOL MANUFACTURERS, INC.

216 N. Clinton St.
Chicago 6, Ill.
Phone: AN 3-7460
Ala. 155—Ariz. 178—Conn. 477
—Ill. 1177—Iowa 66—Mich. 887
—Minn. 255—Mo. 302—N. J. 152
—N. Y. 139, 1102, 1525—Ohio
395, 741—Okla. 154—Pa. 89, 871
—Tex. 424—Va. 73—Wis. 245

GLENDAL MACHINE WORKS

4916 San Fernando Rd.
Glendale 4, Calif.
Phone: CH 5-2954
(Contact manufacturer direct)

GLOBE STEEL ABRASIVE CO., THE

238 1st Ave.
Mansfield, Ohio
Phone: LA 4-7511
Ill. 90—Mass. 156—Mich. 258—
Ohio 1414—Pa. 1036, 1088—Wis.
145—Canada 397

GLOBE TOOLS

3384 S. Robertson Blvd.
Los Angeles 34, Calif.
Phone: UP 0-8423
Cal. 704—Colo. 176—Ind. 187—
Mass. 440—Mich. 49—Minn. 265
—Ohio 894—Tex. 278

GLOVER MFG. CO.

422 Park Ave.
Meadville, Pa.
Phone: 48-175
(Contact manufacturer direct)

GODDARD & GODDARD CO.

12280 Burt Rd.
Detroit 23, Mich.
Phone: KE 1-3000
Ariz. 28—Cal. 51, 259—Colo. 80
—D. C. 82—Fla. 135, 276—Ga.
140—Ill. 280, 1214—Ind. 198, 555
—Kan. 101—La. 146—Mich. 97,
186, 285, 891—Minn. 108—Mo.
162, 473—N. J. 417—N. Y. 1382—
Ohio 216, 644, 1166—Okla. 99—
Ore. 123—Pa. 993, 1239—R. I. 81
—Tenn. 200, 242—Tex. 353, 559
—Utah 26—Va. 62—Wash. 69—
Wis. 157, 467—Canada 434, 477,
606

GODWIN GAGE CO.

26538 W. 7 Mile Rd.
Detroit 40, Mich.
Phone: KE 3-6200
Conn. 334—Fla. 252—Ga. 336—
Mass. 155—Mich. 1041—Minn. 233
—N. J. 175—N. Y. 573, 1652—
Ohio 1137, 1408—Pa. 337—Tex.
150—Wis. 319—Canada 348

GOODMAN MFG. CO.

Industrial Mgr. Div.
4834 S. Halsted St.
Chicago 9, Ill.
Phone: YA 7-7420
(Contact manufacturer direct)

GOODRICH INDUSTRIAL PRODUCTS CO., B. F.

Div. of B. F. Goodrich Co.
500 S. Main St.
Akron 18, Ohio
Phone: BL 3-1171
Cal. 515, 1253—Colo. 83—Ga. 121
—Ill. 338—Kan. 16—Mass. 409—
Mich. 7—Minn. 117—N. Y. 868
—Ohio 1046—Pa. 555—Tex. 193

MANUFACTURERS

CORHAM TOOL CO.

14401 Woodrow Wilson Ave.
Detroit 38, Mich.
Phone: TO 8-0020

(Contact manufacturer direct)

GORTON MACHINE CO., GEORGE

1316 Racine St.
Racine, Wis.
Phone: ME 4-5644

Ariz. 39—Cal. 59, 510, 723, 1191,
1410, 1442—Colo. 100—Conn. 476
—Ga. 89—Ill. 483—Ind. 298—
Kan. 87—La. 100—Mass. 143—
Mich. 833—Minn. 19, 231—Mo.
97, 429—N. Y. 321, 1036, 1037,
1549—N. C. 19—Ohio 327, 786—
Ore. 179—Pa. 702, 992—Tenn.
159—Tex. 118, 522—Va. 7—Wash.
259, 347

GOVRO-NELSON CO., THE

1931 Antoinette St.
Detroit 8, Mich.
Phone: TY 4-6144

Cal. 682—Ill. 493, 1157—Ind. 252
—Mich. 395, 1136—Minn. 203—
Mo. 546—N. Y. 406, 564, 967, 1295,
1440—Ohio 616, 1241, 1343, 1635
—Pa. 190, 631, 1026—R. I. 81—
Wis. 296—Canada 284

GRAHAM TRANSMISSION, INC.

W161 N9116 Hayes Ave.
Menomonee Falls, Wis.
Phone: 3600

Ala. 154—Cal. 457, 1299—Colo.
61—Fla. 217—Ga. 127—Ill. 215—
Ind. 234—Kan. 34—Md. 49—
Mass. 569—Mich. 213, 949—Minn.
49—Mo. 481—N. Y. 233, 1642—
Ohio 38, 237, 715, 1717—Ore.
202—Pa. 71, 893—Tex. 117—Wis.
262—Canada 331, 526

GRAND SPECIALTIES CO.

3101 W. Grand Ave.
Chicago 22, Ill.
Phone: VA 6-3050

(Contact manufacturer direct)

GRANT GEAR WORKS, INC.

161 W. 2nd St.
So. Boston, Mass.
Phone: AN 8-4403

Ala. 124—Cal. 1025—N. J. 134—
N. C. 6, 132, 185—Ohio 1019—Pa.
472—S. C. 26, 63—Tenn. 104—
Tex. 424—Va. 62, 130—Wash. 86
—Wis. 183

GRANT MFG. & MACHINE CO., THE

9 Stillman Ave.
Bridgeport 5, Conn.
Phone: FO 6-4557
Ill. 493—Mich. 115—N. Y. 1037
—Ohio 1373—Pa. 722

GRAY-I-FLO CORP., THE

400 Norwood Ave.
Sturgis, Mich.
Phone: OL 1-5467

(Contact manufacturer direct)

GRAY CO., THE, G. A.

3611 Woodburn Ave.
Cincinnati 7, Ohio
Phone: WO 1-8100

Ala. 158—Cal. 545, 1191—Colo.
142—D. C. 24—Fla. 344—Ill. 465
—Ind. 294—Kan. 123—La. 158—
Mass. 155—Mich. 546, 1034—
Minn. 203—Mo. 97, 361—Neb. 37
—N. Y. 346, 655, 1371, 1562—N.
C. 52—Ohio 287, 453, 1059, 1211,
1569—Ore. 157—Pa. 702, 815—
Tenn. 75—Tex. 249, 754—Utah 88
—Wash. 132—Wis. 279—Canada
422, 472, 597

GRAY EQUIPMENT CO.

13600 Ford Rd.
Dearborn, Mich.
Phone: TI 6-7573
Ind. 491—Mass. 582—Mich. 863,
931—N. Y. 1281—Ohio 636—Pa.
532

GRAYMILLS CORP.

3705 N. Lincoln Ave.
Chicago 13, Ill.
Phone: GR 7-4100
Cal. 597—Colo. 231—Ga. 338—
Ill. 726—Iowa 91—Mich. 1210—
Ohio 54—Pa. 25—Tex. 388—
Wash. 273

GREAT EASTERN MFG., INC.

Bridge St.-P. O. Box 121
Springfield, Vt.
Phone: TU 5-4531

(Contact manufacturer direct)

GREAT LAKES STEEL CORP.

Tecumseh Rd.
Detroit 29, Mich.

(Contact manufacturer direct)

GREEN INSTRUMENT CO., INC.

295 Vassar St.
Cambridge 39, Mass.
Phone: EL 4-2989

(Contact manufacturer direct)

GREENERD ARBOR PRESS CO.

41 Crown St.
Nashua, N. H.
Phone: TU 9-9232
Ala. 94, 156, 158, 195—Ariz. 52—
Ark. 41—Cal. 59, 453, 532, 545,
602, 606, 615, 764, 1105, 1410—
Colo. 131—Conn. 37, 256, 280,
343, 467—Fla. 73, 88, 138, 174,
274, 313, 364—Ga. 116, 248, 352—
Idaho 32—Ill. 290, 304, 849,
1169—Ind. 80, 280, 338, 389—
Iowa 21, 108—Kan. 85, 86—Ky.
101—La. 106—Mass. 59, 121, 155,
333, 508, 689—Mich. 698, 833,
988, 1216, 1222, 1391—Miss. 10—
Mo. 361, 488—Mont. 21—Neb.
37—Nev. 1—N. J. 388—N. Y.
368, 431, 445, 611, 1036—N. C.
131, 132, 146, 180—Ohio 287, 786,
979, 1059, 1161, 1194, 1237, 1617—
Okla. 129—Ore. 96—Pa. 680, 702,
1083, 1324—R. I. 69—S. C. 16, 26,
40, 70, 85—S. D. 4—Tenn. 61, 157,
241, 248—Tex. 116, 216, 766—
Utah 62—Va. 62, 99, 106, 120,
146—Wash. 132, 259—Wis. 38, 201
—Wyom. 7

GREENFIELD TAP & DIE

Div. of United-Greenfield Corp.
Greenfield, Mass.
Phone: PR 3-3511

(See advertisement p. 37)

Ala. 2, 156, 180, 186, 197—Ariz.
13, 30, 81, 178—Ark. 7, 21, 36—
Cal. 249, 297, 340, 404, 531, 544,
679, 772, 904, 961, 1062, 1104,
1116, 1230, 1237, 1298, 1356, 1416,
1459, 1537—Colo. 90, 131—Conn.
25, 131, 208, 240, 269, 281, 324,
427—Del. 6, 9—D. C. 70, 81, 87—
Fla. 17, 34, 48, 73, 84, 93, 133,
178, 186, 206, 237, 272, 288, 322,
335, 350, 351, 364, 396—Ga. 1,
248, 278, 283, 293, 322, 325, 327,
340, 358, 366—Idaho 21, 32—Ill.
20, 159, 206, 212, 345, 390, 445,
480, 488, 495, 554, 575, 604, 742,
836, 850, 914, 950, 975, 1121,
1123, 1131, 1195, 1236, 1266—
Ind. 8, 16, 44, 67, 127, 164, 412,
459, 493, 553, 563, 566—Iowa 15,
21, 55, 79, 103, 141, 166, 169, 181,
—Kan. 1, 7, 53, 58, 111, 120—
Ky. 2, 11, 14, 98, 115, 136, 149,
La. 19, 57, 101, 207—Me. 8, 26—
Md. 18, 120, 164, 169—Mass. 59,
208, 283, 296, 298, 319, 325, 350,
448, 449, 531, 543, 692—Mich. 11,
17, 32, 174, 301, 382, 399, 469,
760, 806, 835, 862, 900, 958, 1127,
1162, 1201, 1222, 1255, 1262, 1273,
1319, 1328—Minn. 15, 54, 267,

271—Miss. 10, 43—Mo. 1, 29, 95,
96, 99, 203, 229, 239, 282, 552,
587, 617—Mont. 24, 30, 40—Neb.
6, 10, 37—N. H. 17—N. J. 8, 25,
37, 69, 74, 221, 222, 235, 242, 374,
413, 428, 462, 471, 474, 478, 567,
616—N. M. 23, 24—N. Y. 2, 14, 37,
38, 65, 95, 96, 100, 109, 111, 124,
133, 153, 277, 447, 488, 490, 519,
540, 576, 584, 600, 614, 627, 653,
662, 669, 682, 715, 716, 753, 756,
785, 803, 807, 826, 827, 833, 836,
842, 846, 879, 898, 919, 935, 945,
977, 982, 1001, 1006, 1021, 1086,
1119, 1120, 1125, 1196, 1199, 1201,
1240, 1285, 1399, 1486, 1591,
1595, 1603, 1619, 1643, 1670—N. C.
2, 9, 135, 149, 176, 180, 187, 194,
232, 242, 246, 251—N. D. 5—Ohio
22, 40, 105, 193, 383, 441, 449,
822, 992, 1035, 1094, 1092, 1161,
1216, 1356, 1397, 1429, 1435, 1471,
1516, 1566, 1641, 1657, 1675, 1729
—Okla. 32, 39, 129—Ore. 25, 26,
77, 100, 204—Pa. 33, 72, 105, 136,
167, 188, 204, 219, 271, 278, 300,
301, 333, 346, 416, 425, 428, 503,
709, 795, 839, 884, 998, 1012,
1094, 1142, 1145, 1161, 1175, 1180,
1230, 1262, 1271, 1306—R. I. 64—
S. C. 2, 6, 16, 17, 32, 59, 71, 83,
84—S. D. 3, 9—Tenn. 1, 32, 61,
65, 102, 122, 241—Tex. 10, 14, 41,
46, 116, 183, 284, 352, 415, 416,
421, 461, 476, 480, 520, 605, 693,
787, 797, 831, 835, 843, 870, 891,
904—Utah 62, 82—Vt. 1, 5, 6—
Va. 4, 13, 30, 54, 63, 99, 120, 146,
152, 162, 167—Wash. 12, 18, 245,
333, 361, 370—W. Va. 1, 4, 5, 6,
12, 15, 36, 46, 48, 57, 90, 91, 93—
Wis. 83, 89, 329, 368, 387—Wyom.
1, 2, 5

GREENLEE BROTHERS & CO.

2136—12th St.
Rockford, Ill.
Phone: WO 3-4881

(Contact manufacturer direct)

GREENLEE TOOL CO.

Div. of Greenlee Bros. & Co.
2136—12th St.
Rockford, Ill.
Phone: WO 3-4881

(Contact manufacturer direct)

GREER HYDRAULICS, INC.

New York International Airport
Jamaica 30, N. Y.
Phone: OL 9-9700
Cal. 522—Ga. 198—Ill. 1250—Ind.
372—Md. 92—Mass. 185—Mich.
553—N. Y. 356—Ohio 346, 819,
1249—Pa. 610, 1122—Tex. 737

GREER STOP NUT CO.

2620 W. Flournoy St.
Chicago 12, Ill.
Phone: VA 6-1636

(Contact manufacturer direct)

GRIEDER INDUSTRIES, INC.

N. Dixie Hwy.
Bowling Green, Ohio
Phone: 3-5771

(Contact manufacturer direct)

GRIEVE-HENDRY CO., INC.

1350 N. Elston Ave.
Chicago 22, Ill.
Ala. 29—Cal. 162—Colo. 231—
Conn. 6—Fla. 77—Ind. 216, 471—
La. 85—Mass. 211—Mich. 419—
Mo. 6, 186—N. Y. 205, 650—Ohio
541, 1146—Pa. 93, 262—Tex. 390,
777—Wis. 225—Canada 434, 606

GRINDING & POLISHING MACHINERY CORP.

2530 Winthrop Ave.
Indianapolis 5, Ind.
Phone: WA 5-5368

(Contact manufacturer direct)

GROB, INC.

Grafton, Wis.
Phone: DR 7-1400
Ala. 94, 158—Ark. 23—Cal. 93,

764—Colo. 100—Conn. 145—D. C.
16, 61—Fla. 84, 272, 313, 344, 350
—Ga. 61—Idaho 11—Ill. 349, 858,
1033, 1141, 1157—Ind. 17, 263—
Iowa 7, 110—Kan. 84—Ky. 73—
La. 100, 181, 210, 217—Md. 15, 18,
27, 51—Mass. 59, 199, 261, 644—
Mich. 113, 394, 614, 1154, 1222—
Minn. 231, 327—Mo. 23, 97, 429,
476, 480, 489—Neb. 50—N. J.
367, 408—N. Y. 141, 301, 544, 654,
1295, 1538—N. C. 6—Ohio 363,
621, 719, 1059, 1184, 1571—Okla.
24, 108—Ore. 157—Pa. 13, 598,
757, 963, 1106—R. I. 69—S. C.
26—Tenn. 14, 75, 255—Tex. 280,
472, 520, 695, 766—Utah 82—Va.
39, 63, 120—Wash. 64, 259—W.
Va. 18—Wis. 367, 398—Canada
398, 433, 600

GROTHES MACHINE WORKS, INC.

5454 N. Wolcott Ave.
Chicago 40, Ill.
Phone: LO 1-7693

(Contact manufacturer direct)

GULF OIL CORP.

Dept. DM-P. O. Box 1166
Pittsburgh 30, Pa.
Phone: EX 1-2400
Ga. 124—Ill. 349—La. 114—Mass.
89—N. Y. 875—Ohio 1579—Pa.
560—Tex. 596

GULTON INDUSTRIES, INC.

212 Durham Ave.
Metuchen, N. J.
Phone: LI 8-2800
Cal. 783, 1454—Ga. 284—Ill. 267
—Kan. 40—Mich. 322—N. J. 523
—N. Y. 1298—N. C. 65—Ohio
176, 894—Tex. 219—Wash. 134—
W. Va. 15—Canada 297

GUTHRY MACHINE TOOL CORP.

38-31 Crescent St.
Long Island City 1, N. Y.
Phone: EX 2-4090
Conn. 308—D. C. 91—Fla. 174—
Ill. 168—Mich. 394—Minn. 176—
N. Y. 1540—Ohio 1183—Pa. 989
Tenn. 157—Wis. 398

GWILLIAM CO., THE

366 Furman St.
Brooklyn 1, N. Y.
Phone: MA 4-2644
(Contact manufacturer direct)

— H —

H. B. TOOLS

1 Proffit Ave.
Springfield, N. J.
Phone: DR 6-4767
Ala. 6, 196—Ariz. 54, 84—Cal. 99,
136, 219, 1018, 1065, 1417, 1485,
1573—Conn. 43, 343, 429, 473—
Del. 7—Idaho 11—Ill. 400, 949
—Ind. 39—Kan. 2—Mass. 273,
313, 326, 462—Mich. 43, 708—
Mo. 473—N. J. 42, 534—N. M. 15
—N. Y. 414, 660, 821—Ohio 1370
—Pa. 166, 525, 744, 1071—R. I. 40
—Tenn. 14—Tex. 329—Utah
48, 72—Va. 73—Wash. 244, 327—
Wis. 415

H. E. P. MFG. CO., INC.

1423 Corlies Ave.
Neptune, N. J.
Phone: PR 5-2249
Mich. 1047—N. Y. 1668

HAGE INDUSTRIAL CORP.

3700 Roanoke Rd.
Toledo 13, Ohio
Phone: GR 2-4762
(Contact manufacturer direct)

MANUFACTURERS

HALL MFG.

622 Tularosa Dr.
Los Angeles 26, Calif.
(Contact manufacturer direct)

HALL PLANETARY CO. OF PHILADELPHIA

5561 Baynton St.
Philadelphia 44, Pa.
Phone: GE 8-2356
Ala. 85—Cal. 682, 1453—Colo. 185—Conn. 101—D. C. 38—Fla. 5—Mass. 333—Mo. 97, 537—N. J. 179—N. Y. 1236—Ohio 753—Pa. 1087—Tenn. 157—Tex. 685—Vt. 22—Wash. 282

HALLER, INC.

16580 Northville Rd.
Northville, Mich.
Phone: FI 9-3410
(Contact manufacturer direct)

HAMCO MACHINES, INC.

99 Mt. Hope Ave.
Rochester 20, N. Y.
Phone: HA 6-6981
Ariz. 93—Cal. 532—Conn. 443—D. C. 82—Fla. 184—Minn. 296—Mo. 488—N. Y. 862—Ohio 648, 1275—Okla. 138—Pa. 17, 521, 707, 1033—R. I. 69—Wash. 259—Wis. 365, 416—Canada 289

HAMILTON EMERY & CORUNDUM CO., THE

Middlefield St.
Chester, Mass.
Phone: FL 4-7722
(Contact manufacturer direct)

HAMILTON GEAR & MACHINE CO.

950-990 Dupont St.
Toronto 4, Canada
Canada 24, 41, 102, 537

HAMILTON TOOL CO., THE

9th and Hanover St.
Hamilton, Ohio
Phone: TW 5-4351
Ariz. 115—Cal. 764—Colo. 100—Conn. 256, 449, 467—Fla. 68, 158, 253, 344—Ga. 61—Ill. 567, 1037—Ind. 210, 223, 259, 367—Ky. 85—La. 181, 217—Mass. 421, 540—Mich. 459, 696, 834, 988—Minn. 119—Mo. 57, 433—N. J. 67—N. Y. 200, 611, 1270, 1337, 1538—N. C. 169—Ohio 228, 355, 621, 936, 1184, 1194, 1349—Okla. 97, 104—Ore. 96—Pa. 233, 296, 798, 1026—Tenn. 157, 248—Tex. 249, 766—Wash. 132, 327—Wis. 307, 319—Canada 173

HAMILTON WATCH CO.

Columbia Ave.
Lancaster, Pa.
Phone: EX 4-7161
Cal. 112, 1278—Colo. 1—Ga. 89—Ill. 1216—Ind. 479—Mich. 1163—Minn. 198—Mo. 135, 432—N. C. 19—Ohio 1219—Ore. 195—Tenn. 56, 213—Tex. 329—Utah 12—Wash. 253

HAMMOND MACHINERY BUILDERS, INC.

1600 Douglas Ave.
Kalamazoo, Mich.
Phone: FI 5-7151
Ala. 94—Cal. 527, 532, 1105, 1255—Conn. 467—Fla. 186—Ill. 17, 295—Mich. 503—Minn. 231—Mo. 95, 489—N. Y. 474, 1124—Ohio 75—Okla. 129—Pa. 190, 1083—Tex. 389, 766—Va. 62—Wash. 64, 132—Wis. 367—Canada 451

HANCHETT MAGNA-LOCK CORP.

Magna-Lock, Inc.
1020 E. Maple St.
Big Rapids, Mich.
Phone: 815
(See advertisement p. 224)

Ill. 114, 304, 541—Ind. 223, 338, 544, 553—Iowa 106—Kan. 84—Mass. 59, 400, 421, 660—Mich. 225, 351, 394, 614, 631, 887, 958, 1215, 1222—Minn. 198—Mo. 488—Neb. 37—N. Y. 290, 442—N. C. 213—Ohio 355, 621—Okla. 96, 99—Ore. 138—Pa. 691, 1049, 1071—R. I. 69—Tenn. 155—Tex. 329—Canada 470

HANCHETT MFG. CO.

Big Rapids, Mich.
Phone: 445

HANCHETT MFG. CO.

3100 5th Ave. S.
Birmingham 5, Ala.
(Contact manufacturer direct)
HANCHETT MFG. CO.
5727 SW. Macadam
Portland 1, Ore.
(Contact manufacturer direct)

HANDY & HARMAN

82 Fulton St.
New York 38, N. Y.
Phone: BR 3-2460
Cal. 87, 141—Conn. 36—Ill. 354—Mich. 396—N. Y. 878—Ohio 651—R. I. 47—Tex. 204—Canada 347

HANGSTERFER'S LABORATORIES, INC.

Ogden Rd.
Mantua, N. J.
Phone: UL 7-0216
(Contact manufacturer direct)

HANNA ENGINEERING WORKS

1767 Elston Ave.
Chicago 22, Ill.
Phone: BR 8-2710
Ala. 152—Ariz. 44—Cal. 753, 1366—Colo. 195—Conn. 272—Fla. 92, 175, 379—Ga. 205—Idaho 32—Ill. 240, 980—Ind. 270, 499—Kan. 85—Ky. 75—La. 165—Mass. 119, 518, 664—Mich. 436, 965—Minn. 130—Mo. 95, 261—Neb. 50—N. J. 177—N. M. 16—N. Y. 134, 244, 1211—N. C. 23—Ohio 272, 994, 1058, 1203—Okla. 29, 129—Ore. 158—Pa. 190, 443, 860—R. I. 17—S. C. 6, 37—Tenn. 46, 139—Tex. 406—495—Utah 42—Va. 24, 106—Wash. 269—W. Va. 53—Wis. 162—Canada 60, 606, 626

HANNIFIN CO.

517D S. Wolf Rd.
Des Plaines, Ill.
Phone: VA 7-1171
Cal. 676, 1243—Colo. 113—Ga. 127—Ill. 860, 991, 1167—Ind. 343—La. 186, 219—Md. 178—Mass. 523, 592—Mich. 24, 590—Minn. 100—Mo. 424—N. J. 181—N. M. 26—N. Y. 256, 1300, 1429—Ohio 347, 820—Ore. 143—Pa. 650, 1024—Tex. 118, 412, 522—Utah 52—Va. 142—Wash. 205, 296—Wis. 295—Canada 82, 417, 594

HANNIFIN CO.

Div. of Parker-Hannifin Corp.
(Crown Line Dealers)
Cal. 20, 849, 942—Colo. 213, Conn. 182, 468—Hawaii 18—Ill. 394, 551, 972, 991—Ind. 177, Kan. 74—Md. 62, 65—Mass. 284, 318, 562, 563, 680—Mich. 342, 858—Mo. 37—N. J. 233, 261—N. M. 39—N. Y. 1179, 1300, 1562—Ohio 38, 232, 866, 907, 1729—Ore. 143—Pa. 1057, 1249—Tenn. 90—Tex. 76, 248—Utah 11—Va. 142—Wash. 205, 296—Wis. 56—Canada 417

HANOVER TOOL CO., INC.

449 York St.
Hanover, Pa.
Phone: ME 7-2127
(Contact manufacturer direct)

HANSEN MFG. CO., THE

4031 W. 150th St.
Cleveland 35, Ohio
Phone: CL 2-3880
Ala. 8—Cal. 232, 1193—Colo. 208—Conn. 16—Ga. 346—Hawaii 5—Ill. 552—Ind. 85—Ky. 129—La. 186—Md. 73—Mich. 555—Minn. 224—Mo. 252, 573—N. J. 602—N. Y. 261—Ohio 505, 956, 1236—Pa. 912, 1242—Tex. 313—Wash. 288—Wis. 316—Canada 53, 407, 516

HANSFORD MFG. CORP.

3111 Winton Rd., S.
Rochester 23, N. Y.
Phone: GR 3-3660
Cal. 1308—Colo. 185—Conn. 9, 225, 479—Fla. 344—Ga. 221—Mass. 644—Mo. 96—Pa. 706

HANSON CO.

2605 Burdette
Ferndale 20, Mich.
Phone: LI 3-3363
Ill. 58, 771—Mich. 825, 1022—N. Y. 1384—Ohio 754—Pa. 1245—Wis. 468

HARCO ENGINEERING

12092 Woodbine Ave.
Detroit 39, Mich.
Phone: KE 7-3940
Cal. 443—Conn. 254—Fla. 282—Ill. 1046—Ind. 18, 307—Kan. 90—Mich. 170, 875, 907—Mo. 97—N. M. 33—N. Y. 952, 1197—Okla. 108—Pa. 1187—Tex. 330, 352, 486—Wash. 244—Wis. 94—Canada 156

HARDINGE BROTHERS, INC.

1420 College Ave.
Elmira, N. Y.
Phone: RE 4-6256
Cal. 528, 891—Colo. 80—Conn. 453—D. C. 91—Ga. 128—Ill. 356, —Ind. 210—Kan. 123—Mass. 420—Mich. 396—Minn. 119—Mo. 433—N. J. 533—N. Y. 881, 1312—N. C. 189—Ohio 510, 1190—Okla. 129—Ore. 157—Pa. 942, 1289—Tex. 118, 766—Utah 79—Wash. 261—Wis. 36—Canada 209

HARDWARE PRODUCTS CO.

84 Fulton St.
Boston 13, Mass.
Phone: GA 7-3177

(Pulleys Only)

Ala. 103, 173—Ariz. 45—Cal. 344, 503, 890, 1298, 1433—Colo. 205—Conn. 37, 203, 299, 429—Del. 11—Fla. 99, 175, 382—Ga. 44, 248—Ill. 15, 160, 204, 361, 596, 1102, 1166, 1285—Ind. 25, 67, 425, 507—Iowa 60, 90—Ky. 86—La. 58, 138, 181, 218—Md. 27—Mass. 59, 533, 680—Mich. 212, 977, 1316, 1391—Minn. 141, 202—Mo. 57, 95, 361, 559—Neb. 50—N. J. 54, 413, 464, 549, 566, 616—N. Y. 27, 103, 124, 153, 319, 448, 590, 738, 879, 1087, 1210, 1277, 1417, 1562, 1611—N. C. 94, 176, 208, 227, 251—Ohio 27, 366, 383, 502, 757, 979, 1073, 1284, 1619, 1728—Okla. 29, 129—Ore. 100—Pa. 33, 72, 222, 339, 483, 604, 884, 1081, 1260, 1324—R. I. 55—S. C. 48—Tenn. 36, 96, 122, 263—Tex. 113, 170, 175, 581, 680, 864—Utah 48—Va. 99, 167—Wash. 69, 87, 328, 356—W. Va. 15—Wis. 15, 48, 93, 433, 462—Canada 77, 90, 195, 226, 394, 434, 580, 606, 609, 619

HARIG MFG. CORP.

5757 W. Howard St.
Chicago 48, Ill.
Phone: NE 1-5050
Ariz. 178—Ark. 23—Cal. 369, 1447—Colo. 142—Conn. 503—Fla. 308—Ga. 200—Idaho 11—Ill. 1033

—Ind. 237—Kan. 98—La. 181—Mass. 332—Mich. 490, 614, 988, 1167—Minn. 330—Mo. 433—N. J. 219—N. Y. 257, 1311—Ohio 821, 1151—Okla. 24—Ore. 68—Pa. 468, 1115—Tenn. 248—Tex. 195—Va. 63—Wis. 447—Canada 288

HARNISHFECER CORP.

4400 W. National Ave.
Milwaukee 46, Wis.
Phone: OR 1-4400
Ala. 56—Cal. 88, 530—Colo. 86—Ill. 358—Mass. 587—Mich. 400—Minn. 127—Mo. 9—N. Y. 238, 883—Ohio 254, 652—Pa. 562, 902—Tex. 206—Wash. 135—Wis. 222

HARPER ELECTRIC FURNACE CORP.

110 Pearl St.
Buffalo 2, N. Y.
Phone: MO-5366
Cal. 598, 976—Colo. 101—Ill. 703—Mich. 816—Minn. 240—N. J. 231—N. Y. 333—Ohio 516—Pa. 157—Tex. 198, 593—Wash. 136—Canada 251

HARRIS REFRIGERATION CO.

308 River St.
Cambridge 39, Mass.
Phone: UN 4-4000
Cal. 1581—Conn. 302, 371—Ill. 919—Kan. 116—Mass. 188—Minn. 272—Mo. 227, 569—N. Y. 1633—Okla. 165—Canada 405

HARRIS TRANSDUCER CORP., THE

Subsidiary of General Instrument Corp.
Woodbury, Conn.
Phone: CO 3-2116
Conn. 296, 423—Fla. 317—Ind. 376—Mass. 224—Mich. 130—N. J. 28—Ohio 889—Pa. 984—Tex. 705—Wash. 202—Wis. 379—Canada 441

HARRISBURG STEEL CO. Div. of Harsco Corp.

10th & Herr Sts.
Harrisburg 33, Pa.
Phone: CE 4-8021
(Contact manufacturer direct)

HARRISVILLE TOOL CO.

Harrisville, Mich.
Phone: PA 4-6277
Ill. 948—Ind. 328—Mich. 236, 1180—Mo. 33—N. Y. 373—Ohio 1215

HARTEX DIV.

Union Twist Drill Co.
Athol, Mass.
(Contact manufacturer direct)

HARTFORD SPECIAL MACHINERY CO.

287 Homestead Ave.
Hartford 12, Conn.
Phone: JA 5-1401
Ala. 28—Ariz. 52—Cal. 453, 532, 1241—Colo. 100—Conn. 126—Fla. 393—Ill. 171, 634, 992, 1179—Ind. 237—Kan. 123—La. 181—Md. 15—Mich. 399, 716—Minn. 254, 267, —Mo. 108, 302—Neb. 37—N. J. 104—N. Y. 406, 1213, 1388, 1517—Ohio 265, 410, 846—Okla. 32, 99—Ore. 179—Pa. 95, 234, 552, 1129, 1313—R. I. 56—Tenn. 157, 272—Tex. 195, 732—Utah 46—Wash. 259, 347—Wis. 368, 422—Canada 288

HARTMANN MFG. CO.

1637 Gould St.
Racine, Wis.
Phone: ME 7-4437
Ill. 514, 1182—Minn. 345—Ohio 725—Wis. 299

MANUFACTURERS

HARTWYK MFG. CO.

360 Glenwood Ave.
E. Orange, N. J.
Phone: OR 5-6966
(Contact manufacturer direct)

HARVEY MFG. CORP.

45-34 Court Square
Long Island City 1, N. Y.
Phone: ST 6-6022
Ariz. 37—Cal. 99, 616—Conn.
178, 280—Fla. 175, 212, 272—Ill.
1033—Mass. 59, 644—Mich. 481—
Mo. 339—N. J. 219, 408—N. Y. 611,
682, 717, 1057—Ohio 621—Pa. 521,
980—R. I. 69

HARVEY MFG. CORP.

408 St. Paul St.
Rochester 5, N. Y.
Phone: HA 6-6757
(Contact manufacturer direct)

HASKINS CO., R. G.

2651 W. Harrison St.
Chicago 12, Ill.
Phone: KE 3-2433
Cal. 816, 1241—Fla. 39—Ind. 259
—Iowa 130—Mass. 358—Mich.
503—Mo. 603—Ohio 749, 1084,
1235—Pa. 1028—Va. 13—W. Va.
18

HASSALL INC., JOHN

P. O. Box 2185
Westbury L. I., N. Y.
Phone: ED 4-6200
Cal. 73—Conn. 87—Ill. 344—
Mich. 75—Mo. 565—N. J. 390—N.
Y. 506, 1041, 1431, 1636—Ohio
1581—Pa. 320, 936—Tex. 290, 677
—Wash. 133

HAUSE MACHINES, INC.

809 S. Pleasant St.
Montpelier, Ohio
Phone: 5-3158
Cal. 79—Ill. 1251—Mass. 299, 579,
—Mich. 425—N. J. 131—N. Y. 48
—Ohio 1215, 1597—Pa. 168—
Wis. 447

HAWKEYE SPECIALTY CO.

1532 W. 14th St.
Davenport, Iowa
Phone: 7-3591
Ill. 877—Iowa 57

HAYDEN TWIST DRILL CO.

25205 Ryan Rd.
Warren, Mich.
Phone: SL 7-8262
Cal. 49, 142, 616, 847, 986—Colo.
176—Ill. 237—Mass. 400—Mich.
112, 210, 824, 941—Minn. 67—Mo.
90, 394—Neb. 29—N. Y. 15, 196,
711, 746, 824—N. C. 222—Ohio
128—Pa. 27, 355, 980—S. C. 72—
Wis. 196

HAYES AIRCRAFT CORP.

P. O. Box 2287—Municipal Air-
port Area
Birmingham, Ala.
Phone: LY 2-9611
(Contact manufacturer direct)

HAYES, INC., C. I.

877 Wellington Ave.
Cranston 10, R. I.
Phone: HO 1-3400
Ariz. 93—Cal. 1422—Ill. 947, 1287
—Mass. 252, 312—Mich. 1243,
1293—Minn. 111—Mo. 439—N. J.
60—N. Y. 1586—N. C. 68—Ohio
115, 516—Pa. 262, 801—R. I. 79—
Tenn. 22, 236—Tex. 390, 559—
Wash. 252—Canada 434, 606

HAYNES STELLITE CO.

Div. Union Carbide Corp.
1020 W. Park Ave.
Kokomo, Ind.
Phone: GL 2-5421
Cal. 535—Ill. 367—Mich. 408—
N. Y. 884—Ohio 655—Tex. 604

HEALD MACHINE CO., THE

10 New Bond St.
Worcester 6, Mass.
Phone: DL 5-3191
Ariz. 52—Cal. 532, 536, 1255—
Colo. 142—Fla. 254—Ga. 55—
Ill. 1044, 1059—Ind. 244—La. 158,
210—Mass. 657—Mich. 409, 1067—
Mo. 227, 569—Neb. 50—N. J. 311
—N. Y. 1503—N. C. 132—Ohio
656, 1192—Okla. 165—Ore. 82—
Pa. 1238—Tenn. 157—Tex. 31, 685
—Utah 46—Wash. 132, 327—Wis.
227

HEALTH ENGINEERING CO.

168 Ault Rd.—P. O. Box 821
Fort Collins, Colo.
Phone: HU 2-1819
Ala. 110, 203—Ariz. 6, 18—Ark.
4, 30—Cal. 157, 307, 317, 794, 954,
960, 1055, 1067, 1126, 1200, 1413,
1465, 1574—Colo. 79—Conn. 30,
218—Fla. 182—Ga. 205—Hawaii
11—Idaho 8—Ill. 359, 416, 586,
837, 1082, 1272—Ind. 106, 261,
536—Iowa 132—Kan. 68—La. 25,
208—Md. 50, 157—Mass. 239, 514,
691—Mich. 762, 1010, 1233, 1287,
1303, 1341—Minn. 20, 181—Miss.
11—Mo. 127, 493—Mont. 9, 26—
Neb. 13—N. J. 124, 260, 477—
N. M. 33—N. Y. 1, 239, 318, 656,
1298, 1529—N. C. 100, 249 Ohio
24, 99, 431, 988, 1432, 1654—Okla.
4, 26, 114—Ore. 108—Pa. 62, 183,
353, 362, 414, 516, 1123, 1273, 1302
—S. C. 45—S. D. 2—Tenn. 10,
103, 119, 201—Tex. 26, 211, 460,
477, 490, 512, 784, 810, 836, 845,
847, 886, 894, 902—Utah 25, 109—
Vt. 3—Va. 3, 52, 72, 151—Wash.
20, 29, 293, 337, 378—W. Va. 9,
41, 44, 48, 77—Wis. 14, 61, 90,
328, 421, 474—Canada 39, 184,
261, 342, 461, 481, 512, 602

HEBERT EQUIPMENT CO.

331 E. Dickerson St.
Romeo, Mich.
Phone: FL 2-3222
Ill. 1002—Ind. 245—Mich. 1391—
N. Y. 654, 1574—Ohio 1373

HEINEMANN SAW CORP.

2017 Navarre Rd. SW.
Canton 6, Ohio
Phone: GL 6-4721
Cal. 765—Conn. 405—Mich. 324
—Minn. 48—Mo. 343—N. Y. 15,
91, 113—Ohio 95—Pa. 1085—Tex.
542—Canada 306

HEINRICH TOOLS, INC.

2707 Industrial Dr.
Racine, Wis.
Phone: ME 4-4229
Cal. 554—Ga. 203—Ill. 267—
Mich. 1308—Mo. 466—N. Y. 1049
—Tex. 388—Wash. 178—Wis. 259
—Canada 156

HELI-COIL CORP.

Shelter Rock Lane
Danbury, Conn.
Phone: PI 3-7651
Ala. 45, 196—Ariz. 28, 30, 84,
122, 178—Ark. 2—Cal. 15, 189,
279, 688, 711, 873, 885, 922, 1130,
1139, 1464, 1509, 1524, 1572—
Colo. 19, 36, 72, 195—Conn. 25,
87, 212, 427—D. C. 87—Fla. 73,
153, 162, 322—Ga. 81, 152, 277,
340—Hawaii 5—Ill. 361, 445,
488, 838, 906, 1117, 1166, 1187,
1285—Ind. 89, 375, 553—Iowa 49,
130, 173—Ky. 120, La. 30, 32, 36,
46, 61, 138, 170, 207—Md. 70—
Mass. 13, 61, 208, 319, 620—Mich.
17, 26, 35, 212, 420, 862, 959, 1098,
1128, 1216—Minn. 124—Mo. 23,
57, 473—N. J. 37, 64, 158, 242,
418, 425, 575—N. M. 15, 32, 37,
—N. Y. 42, 124, 349, 439, 442, 510,
846, 1199, 1245, 1408, 1535, 1646
—N. C. 135, 177—Ohio 40, 47,

105, 383, 677, 757, 1089, 1178,
1396, 1576, 1592, 1727—Okla. 106,
150—Ore. 44—Pa. 15, 92, 188,
729, 1084—R. I. 9—S. C. 25-56—
Tenn. 47, 160, 170, 241—Tex. 11,
34, 87, 175, 190, 252, 822, 853,
873, 895, 904—Utah 3, 26—Va.
71—Wash. 218, 253—W. Va. 31—
Wis. 220—Canada 493

HELICOID GAGE DIV.

American Chain & Cable Co.,
Inc.
Bridgeport 2, Conn.
Phone: ED 5-0161
Ark. 35—Colo. 88—Ill. 369, 928,
—Ind. 276, 469—Mont. 6—N. J.
195, 605—N. M. 16—N. Y. 885—
Ohio 1336—Tex. 550, 606—Utah
99

HELLER TOOL CO.

Heller Drive
Newcomerstown, Ohio
Phone: HY 8-8331
Cal. 537, 1258—Ill. 370—La. 202
—Mass. 99—Mich. 410—N. J. 366
—Ore. 101

HENDLEY & WHITEMORE CO.

100 Blackhawk Blvd.
Beloit, Wis.
Phone: DU 9-1205
(Contact manufacturer direct)

HENRY MFG. CO., INC.

503 E. Reed St. & NYC RR
Bowling Green, Ohio
Phone: 9811
Ill. 274—Ind. 4—Mich. 128—N.
J. 301—Ohio 78—Pa. 130

HEPPENSTALL CO.

4620 Hatfield
Pittsburgh 1, Pa.
Phone: MA 1-2000
Ala. 114—Cal. 94, 538, 1260—
Colo. 26—Conn. 38, 181—D. C.
34—Fla. 301—Ill. 941, 1010—Ind.
62, 201, 475—Ky. 52—La. 171,
201—Mich. 413—Mo. 534—N. Y.
164, 887, 1232, 1412, 1460—Ohio
658, 1706—Ore. 177—Pa. 401, 564,
907—Tex. 312, 756—Utah 48—
Wis. 302—Canada 298

HERMES MACHINE TOOL CO., INC.

48-15 Northern Blvd.
Long Island City 1, N. Y.
Phone: RA 1-1134
Ga. 19—Ill. 1037—Mass. 358—
Mich. 1222—Minn. 254—N. J. 46
—Okla. 96—Wis. 455

HEUSER MFG. CO.

1638 N. Paulina St.
Chicago 22, Ill.
Phone: AR 6-3992
Cal. 894—Mich. 356—Wis. 354

HEVI-DUTY ELECTRIC CO.

Div. of Basic Products Corp.
3002 W. Burleigh
Milwaukee 1, Wis.
Phone: UP 1-9100
Cal. 124, 1525—Colo. 181—Conn.
289—Ill. 373, 1204—Ind. 292—
La. 18—Mich. 414—Minn. 161
—Mo. 331—N. J. 266, 436—Ohio
660—Okla. 64—Pa. 1137—Tenn.
187, 274—Tex. 598—Utah 33—
Wash. 287—Wis. 318—Canada 327

HEWITT-ROBINS

666 Glenbrook Rd.
Stamford, Conn.
Phone: DA 4-1151
Ala. 59—Ariz. 57—Cal. 541,
1259—Colo. 92—Conn. 456—Fla.
222—Ill. 374, 970—Ind. 247—La.
120, 203—Md. 186—Mass. 100—
Mich. 831—Minn. 25, 131—Mo.
124, 427—N. Y. 889—N. C. 66—
Ohio 661—Okla. 100—Ore. 102—
Pa. 239, 910—Tenn. 156—Tex. 210,

607—Utah 47—Va. 96—Wash.
139—W. Va. 8, 27, 50

HI-DUTY DRILL WORKS

Div. of Hi-Duty Industries, Inc.
Locust St.
Fleetwood, Pa.
Phone: WH 4-3211
Cal. 442—Ill. 1115—Ind. 100, 408
—Minn. 296—Neb. 50—N. J. 42
—N. Y. 824—Ohio 123, 363, 690,
1290—Pa. 462, 1175—Wis. 106

HI-LO PRODUCTS CO., DIV.

Steel City Testing Machines, Inc.
8817 Lyndon Ave.
Detroit 38, Mich.
Phone: WE 3-3500
(Contact manufacturer direct)

HI-SHEAR RIVET TOOL CO.

2600 W. 247th St.
Torrance, Calif.
Phone: DA 6-8110
(Contact manufacturer direct)

HIGH PRECISION PRODUCTS CO.

142 Greenwood Rd.
Westfield, N. J.
Phone: WE 2-0850
(Contact manufacturer direct)

HIGH SPEED HAMMER CO., INC., THE

313 Norton St.
Rochester 21, N. Y.
Phone: CO 6-6740
N. J. 509—N. Y. 1288

HIGH STANDARD MFG. CORP.

1817 Dixwell Ave.
Hamden 14, Conn.
Phone: CH 8-5531
Ala. 45—Cal. 894—Ind. 100, 408
—Md. 64—Mass. 525—Mich. 459,
887—Minn. 243—Mo. 586—Ohio
299, 1565—Pa. 525, 1266—Tenn.
105—Utah 72—Wash. 244

HILL ACME CO., THE

1201 W. 65th St.
Cleveland 2, Ohio
Phone: OL 1-2400
Ala. 13, 85—Cal. 59, 93, 258, 764,
1255, 1410—Colo. 100—Conn. 368
—D. C. 91—Fla. 272—Ga. 19, 176
—Ill. 85, 295, 304, 433, 676, 1081
—Ind. 201, 217—La. 158, 210—
Mass. 17, 572—Mich. 249, 593,
652, 988, 1063—Mo. 96, 119, 223,
440, 603—Neb. 37—N. J. 603—
N. Y. 200, 560, 862, 1118, 1158,
1329, 1356—N. C. 19—Ohio 327,
795, 838—Ore. 44—Pa. 54, 233,
863, 906, 926, 973, 1136
Tex. 118, 560—Utah 88—Va. 120
—Wash. 218

HILL MACHINE CO.

1301 Eddy Ave.
Rockford, Ill.
Phone: TR 7-5781
Ariz. 136—Cal. 665—Colo. 48—
Fla. 5—Ill. 523—Kan. 41—Mass.
582—Mich. 329—Pa. 1240

HILLIARD CORP., THE

100 W. 4th St.
Elmira, N. Y.
Phone: RE 3-7121
Ala. 80—Ariz. 121—Cal. 143,
1232—Colo. 118—Ga. 126—Ha-
waii 2—Ill. 814, 991—Ind. 436—
Ky. 68—Md. 18—Mass. 635—
Mich. 1038—Minn. 217—Mo. 115,
514—N. J. 484—N. Y. 320, 1355,
1547, 1620—N. C. 125—Ohio 122,
357—Ore. 67—Pa. 235, 1017—S.
C. 64—Tenn. 83, 153—Tex. 636—
Utah 81—Va. 138—Wash. 70—
Canada 422, 597

MANUFACTURERS

HILLYER CORP.

331 Centennial Ave.
Cranford, N. J.
Phone: BR 6-8710
Cal. 1021, 1453—D. C. 91—Ill.
304—Mass. 299—Mich. 561—N. J.
205—N. C. 23—Pa. 973—Tex. 326,
762

HISEY-WOLF MACHINE CO., THE

Galvin & Mt. Hope Ave.
Cincinnati 4, Ohio
Phone: GR 1-8080
Cal. 1385, 1589—Colo. 145—Fla.
363—Ga. 210, 286—Mo. 76—N. J.
114—N. Y. 1147—Ohio 1515—Tex.
278

HIMOFF MACHINE CO., INC.

23-14 44th Rd.
Long Island City 1, N. Y.
Phone: ST 4-7415
(Contact manufacturer direct)

HJORTH LATHE & TOOL CO.

8-12 Beacon St.
Woburn, Mass.
Phone: WE 3-0386
(Contact manufacturer direct)

HOBART BROTHERS CO.

Hobart Sq.
Troy 1, Ohio
Phone: FE 2-1223
Ala. 110, 162, 189, 201—Ariz. 2,
40, 80, 124, 137—Ark. 4, 30—
Cal. 32, 157, 190, 203, 343, 543,
838, 954, 960, 1022, 1069, 1086,
1097, 1120, 1261, 1413, 1465—
Colo. 5, 7, 198, 219, 228—Conn.
51, 198, 303, 322—Del. 2—Fla. 28,
90, 97, 194, 263, 286, 297, 304,
361, 390—Ga. 2, 7, 169, 205, 279,
297, 319, 329, 334, 353, 356—
Idaho 4, 5—Ill. 33, 40, 54, 326,
329, 516, 837, 842, 935, 1009, 1100,
1199, 1272—Ind. 37, 81, 109, 248,
447, 451, 467, 564—Iowa 8, 26, 34,
63, 132, 159, 180—Kan. 4, 60, 68,
107—Ky. 4, 17, 23, 78, 139, 145—
La. 38, 45, 56, 116, 205—Me. 7,
17—Md. 68, 157—Mass. 193, 277,
481, 511, 691—Mich. 5, 9, 29, 47,
671, 883, 985, 1101, 1140, 1193,
1233, 1341, 1352—Minn. 133—
Miss. 6, 9, 11—Mo. 5, 35, 214, 280,
477, 621—Mont. 19, 28—Neb. 4, 7,
13, 57—N. J. 358—N. M. 20, 45,
49, 51, 53, 55, 56, 59—N. Y. 3, 43,
242, 485, 505, 591, 666, 1385, 1432,
1476, 1635—N. C. 93, 142, 147,
159, 217, 223, 236, 244, 249—N. D.
1, 10—Ohio 45, 102, 127, 150, 560,
647, 988, 1052, 1301, 1319, 1432,
1654, 1661, 1662, 1709, 1738—
Okla. 8, 33, 101—Ore. 31, 108,
197—Pa. 20, 183, 225, 363, 567,
1121, 1251, 1258—R. I. 2—S. C. 1,
14, 28, 67, 76, 87—S. D. 12—
Tenn. 28, 33, 57, 66, 109, 119,
137, 192, 265, 266—Tex. 3, 25, 37,
39, 374, 405, 452, 491, 527, 564,
624, 792, 823, 833, 836, 847—Utah
109—Vt. 3—Va. 32, 44, 92, 148—
Wash. 20, 145, 331, 378—W. Va.
9, 41, 51, 73, 92—Wis. 14, 90,
97, 330—Wyom. 4

HOE & CO., INC., R.

910 E. 138th St.
New York 54, N. Y.
Phone: CY 2-2400
Ala. 62—Ill. 380—N. Y. 890—N.
C. 202—Ore. 103—Tenn. 168—
Wash. 160

HOEFER MFG. CO.

107 N. Henderson Ave.
Freeport, Ill.
Phone: AD 2-5168
Cal. 59, 1410—Conn. 314—Ill. 278
—Ind. 245—Mass. 614—Mich.
373, 988—Minn. 244, 284—Mo.
96, 361—N. Y. 200, 1106, 1356,

1538—Ohio 644—Pa. 739, 1115—
Tex. 472, 754—Wis. 196—Canada
400, 469, 583

HOELTGE BROS., INC.

1919 Gest St.
Cincinnati 4, Ohio
Phone: WA 1-0940
Ohio 260, 1239

HOGGSON & PETTIS MFG. CO., THE

141 Brewery St.
New Haven 7, Conn.
Phone: LO 2-4189
Ga. 233

HOC LUND ENGINEERING & MFG. CO., INC.

343 Snyder Ave.
Berkeley Heights, N. J.
Phone: CR 3-7183
Cal. 644—Ind. 295—Mich. 802—
1360—Ohio 942

HOLCROFT & CO.

6545 Epworth Blvd.
Detroit 10, Mich.
Phone: TY 4-5700
Conn. 6—Ill. 284—Ohio 1206,
1425—Tex. 715—Canada 442

HOLE ENGINEERING SERVICE

21100 Collingham - Redford Sta.
Detroit 19, Mich.
Phone: GR 4-2520
Cal. 57, 279—Colo. 113—Conn.
224—Ill. 511—Ind. 184—Kan. 114
—Ky. 39—Mass. 236—Mich. 241
—Mo. 495—N. Y. 1557, 1638—N.
C. 19—Ohio 616, 1625—Pa. 1227
—Wis. 405—Canada 271, 288, 455

HOLMBERG CO., INC., AUGUST W.

133-31 39th Ave.
Flushing 54, N. Y.
Phone: FL 3-5078
(Contact manufacturer direct)

HOLO-KROME SCREW CORP., THE

Hartford 10, Conn.
Phone: JA 3-5235
(Contact manufacturer direct)

HOLTZER-CABOT DIV. National Pneumatic Co., Inc.

125 Amory St.
Boston 19, Mass.
Phone: JA 4-7000
Ill. 383—Mass. 101—Mich. 1209
—Mo. 253—N. Y. 256, 892, 1300,
1513—Ohio 1175, 1326—Pa. 571
—Tex. 436

HOMESTRAND MACHINE TOOL CORP.

392 Putnam Ave.
Greenwich, Conn.
Phone: TO 9-2558
(See advertisement p. 520)
Cal. 728—Colo. 99—Conn. 145—
Ga. 64—Idaho 11—Iowa 10—
Kan. 84—La. 210—Mass. 199—
Mich. 542—Mo. 57—N. Y. 550—
Ohio 621, 1234—Okla. 110—Tex.
614—Wash. 259

HOMESTRAND MACHINE TOOL CORP.

Tapping Div.
392 W. Putnam Ave.
Greenwich, Conn.
Phone: TO 9-2558
Ariz. 54—Cal. 72, 1315—Colo. 176
—Conn. 348, 473—Ill. 655, 980
—Md. 182—Mass. 13, 620—Mich.
716—Minn. 256—N. J. 610—N. Y.
392, 462—Ohio 853—Ore. 162—
Pa. 242, 522—Wis. 432

HONES INC., CHARLES A.

2473 Grand Ave.
Baldwin, N. Y.
Phone: BA 3-1110
(Contact manufacturer direct)

HOOVER BALL & BEARING CO.

116 N. 4th Ave.
Ann Arbor, Mich.
(Contact manufacturer direct)

HORBERG GAGE CO., THE

19 Staples St.
Bridgeport 6, Conn.
Phone: ED 4-9444
(Contact manufacturer direct)

HORSPOLL & ROMINE MFG. CO., INC.

5850 Marshall St.
Oakland 18, Calif.
Phone: OL 2-1844
(Contact manufacturer direct)

HORTON CHUCK DIV.

1 Valley St.
New Haven 15, Conn.
Phone: FU 7-2525
Cal. 547, 970, 1461—Ga. 307—Ill.
385—Ind. 327, 424—Kan. 37—
Mich. 387, 1000, 1251—Minn. 276
—Mo. 318—N. Y. 429, 837—N. C.
69—Ohio 265, 643, 1197—Pa.
409, 876, 1188—Tenn. 125—Tex.
645, 839—Wash. 68—Wis. 446—
Canada 451

HOSSFELD MFG. CO.

460-462 W. 3rd St.-P.O. Box 478
Winona, Minn.
Phone: 2638
Cal. 274—Ill. 785—Ohio 1731—
Pa. 1222

HOUDAILLE INDUSTRIES, INC. Buffalo Hydraulics Div.

537 E. Delavan Ave.
Buffalo 11, N. Y.
Phone: FI 8000
Cal. 548

HOUGHTON & CO., E. F.

303 W. Lehigh Ave.
Philadelphia 33, Pa.
Phone: RE 9-7100
Cal. 549, 1522—Conn. 183—Ga.
285—Ill. 386—Ind. 253, 527—Md.
72—Mass. 103, 513—Mich. 424—
Mo. 129, 434—N. Y. 894, 1292—
Ohio 262, 672, 1054, 1096—Ore.
104—Pa. 198, 280, 572, 917—Tenn.
161—Tex. 213, 612—Va. 97—
Wash. 140—W. Va. 60—Wis. 235

HOVIS SCREWLOCK CO.

8100 E. 9 Mile Rd.
Warren, Mich.
Phone: SL 7-4800
Cal. 1309—Ill. 603—Mich. 1385—
Pa. 585, 1011—Tex. 424

HOWELL ELECTRIC MOTORS CO.

409 N. Roosevelt St.
Howell, Mich.
Phone: HO 20
Cal. 440, 1070—Conn. 319—Fla.
287—Ga. 250—Ill. 387—Ind. 159
—Iowa 58—La. 51—Mich. 427,
964, 1069—Minn. 135—Mo. 479
—N. J. 485—N. Y. 233, 700, 1616
—N. C. 107—Ohio 263, 1424,
1585—Okla. 57—Pa. 263, 770, 1312
—Tenn. 97, 115—Tex. 311—Wis.
232

HUCK MFG. CO.

2480 Bellevue Ave.
Detroit 7, Mich.
Phone: WA 3-4500
Ala. 192—Cal. 248, 283, 714, 835,
1100, 1107—Colo. 208—Fla. 1, 109
—Ga. 85, 135, 136—Hawaii 8—
Ill. 821, 1074—Kan. 115—Md. 183
—Mass. 287—Mich. 397—Minn.

77—Mo. 263, 435—Neb. 21—N. J.
265, 319—N. Y. 212, 511—Ohio
317, 1250, 1409—Pa. 45, 1224, 1280
—Tenn. 180—Tex. 56, 427—Va.
168—Wash. 116, 151

HUDSON AUTOMATIC MACHINE & TOOL CO.

137-139 38th St.
Union City, N. J.
Phone: UN 3-1336-7
Cal. 450—Fla. 326—Ill. 168—
Mass. 547—Minn. 177

HUFFORD CORP., THE

1700 E. Grand Ave.
El Segundo, Calif.
(Contact manufacturer direct)

HUGHSON CHEMICAL CO. Div. Lord Mfg. Co.

Green Garden at 12th
Erie, Pa.
Phone: GL 5-7581
Cal. 599, 1287—D. C. 54—Fla.
403—Ga. 162—Ill. 462—Mass. 120
—Mich. 494—Mo. 159—N. Y. 940
—Ohio 1223—Pa. 606—Tex. 245

HUMM SAFETY EQUIPMENT CORP., JOHN

253 Sheffield Ave.
Brooklyn 7, N. Y.
Phone: EV 5-1052
Cal. 465, 1488—Ill. 760—N. J.
367, 408—Pa. 670

HUMPHREY PRODUCTS DIV.

General Gas Light Co.
Kilgore at Sprinkle Rd. - P. O.
Box 2608
Kalamazoo, Mich.
Phone: FI 2-0127
Cal. 389, 1375—Conn. 356—Ill.
361—Ind. 491—Iowa 55—Mass.
431—Mich. 374—Minn. 109, 222
—Mo. 287—N. Y. 882, 1314—Ohio
858, 1691—Pa. 1301—S. C. 9—
Wis. 352, 354—Canada 384, 491

HUNTER SPRING CO. DIV. American Machine & Metals, Inc.

1 Spring Ave.
Lansdale, Pa.
Phone: UL 5-6815
Cal. 566—Ky. 72—Mass. 378—
N. Y. 897, 1293

HUNTER TOOLS

9851 Alburton Ave.
Santa Fe Springs, Calif.
Phone: OX 2-7231
Ala. 182—Cal. 472, 717, 1277—
Colo. 128—Conn. 140—Fla. 240
—Ga. 195—Ill. 623—Kan. 0—Mich.
723—Minn. 193—N. Y. 728, 1598
—Ohio 300—Ore. 7—Pa. 303, 1098
—Tex. 542—Canada 335

HUNT'S GRINDING & MFG.

6300 S. San Pedro St.
Los Angeles 3, Calif.
Phone: PL 9-1131
(Contact manufacturer direct)

HUPPERT CO., K. H.

6830-40 Cottage Grove Ave.
Chicago 37, Ill.
Phone: MI 3-4770
(Contact manufacturer direct)

HURON MACHINE PRODUCTS, INC.

6252 Monroe Blvd. - P. O. Box
2274
Dearborn, Mich.
Phone: LO 5-0400
Cal. 80—Conn. 457—Mich. 117

HUTCHINS CO., ROY A.

15536 Telegraph Rd.
Detroit 39, Mich.
Phone: KE 1-3451
(Contact manufacturer direct)

MANUFACTURERS

HY-DU-LIGNUM CO., INC. THE

10 Milk St.
Boston 8, Mass.
Phone: HA 6-5715
Cal. 552, 974—Colo. 94—Ind.
130, 446—Mass. 105—Mich. 1036,
1263—Mo. 539—Pa. 207, 392, 980
—Wash. 142—Wis. 88

HY-PRO TOOL CO.

459 Mt. Pleasant St.
New Bedford, Mass.
Phone: WY 6-5656
(See advertisement p. 24)
Cal. 413—Conn. 62, 112, 143, 264,
429—Ga. 157—Ill. 1313—Ind. 120
—Kan. 28—Mich. 69, 431—Minn.
88—Mo. 549—N. J. 408, 616—N. Y.
42, 100, 196, 1243, 1512—Ohio
110, 976, 1621, 1715—Pa. 832, 1033
—R. I. 28—Wis. 167—Canada 535

HYATT BEARINGS DIV.

General Motors Corp.
Harrison, N. J.
Phone: HU 4-4000
Cal. 912—Ill. 388—Mich. 432—
N. J. 200—Pa. 919—Canada 545,
577

HYDRAULIC PRESS MFG. CO., THE

A Div. of Koehring Co.
Marion Rd.
Mount Gilead, Ohio
Phone: 9351
Cal. 615, 1517—Colo. 131—D. C.
24—Fla. 272—Ga. 61—Ill. 1078
—La. 106—Mass. 195—Mich. 433
—Mo. 55-325—Neb. 37—N. J.
543—Ohio 1440—Okla. 65—Pa.
918—S. C. 26—Tenn. 104—Tex.
356, 415, 746—Utah 104—Va. 120
W. Va. 132

HYDRO-LINE MFG. CO.

5600 Pike Rd.
Rockford, Ill.
Phone: TR 7-5758
Ariz. 8—Cal. 922, 1512—Conn. 243
—Ga. 198—Ill. 514, 1174—Ind.
402—Mass. 336—Mich. 93, 867,
1294—Minn. 222—Mo. 37—N. Y.
348, 571, 943—Ohio 246, 819, 1249
Pa. 608, 962—Tex. 94—Wash. 340
Canada 19, 33, 279, 490

HYDROMATION ENGINEERING CO.

39201 Amrhein Rd.
Livonia, Mich.
Conn. 81—Ill. 21—Ind. 255—Ky.
9—N. Y. 1278—Ohio 1381

HYDROWAY SCALES, INC.

31299 Stephenson Hwy.
Madison Heights, Mich.
Phone: JO 6-3965
Ala. 19—Cal. 227, 1245—Del. 14
—Fla. 51—Ill. 1110, 1256—Ind.
20, 199—Ky. 66—La. 79—Mass.
183—Mich. 1187—Minn. 151—
N. J. 20—N. Y. 450, 767, 1142,
1461—Ohio 1144, 1663—Pa. 175,
189, 905—Tex. 426, 656—Wis. 112

HYPER TOOL CO.

12230 Dixie
Detroit 39, Mich.
Phone: KE 2-2007
Ala. 28—Cal. 26—Colo. 89—Conn.
168—Fla. 393—Ill. 962—Ind. 242
—Iowa 31—Ky. 112—Mass. 66—
Mich. 936—N. Y. 286, 585—N. C.
38—Ohio 673, 1248—Pa. 515

HYPNEUMAT, INC.

647 W. Virginia St.
Milwaukee 4, Wis.
Phone: BR 1-2488
Ark. 23—Cal. 415, 922—Conn. 33
—Ill. 621, 849—Ind. 491—Mass.
271—Mich. 425, 959—Neb. 50—
N. J. 281—N. Y. 50, 1208, 1281—
N. C. 94—Ohio 35, 589, 725, 1691
—Ore. 202—Pa. 585, 1129—Tex.
387—Wis. 353, 354—Canada 158

HYPRO ENGINEERING, INC.

700 39th Ave. NE.
Minneapolis 21, Minn.
Phone: SU 8-1651
Ala. 18—Cal. 1044—Fla. 190—Ill.
903—La. 152—Mass. 386—Mich.
998—Minn. 69—Mo. 56—Neb. 46
—N. J. 39—N. Y. 340, 976—Ohio
1349—Tex. 697—Va. 103—Canada
36, 106, 505

HYSOL CORP.

Olean, N. Y.
Phone: OL 2-2175
Ariz. 50—Cal. 1072, 1495—Conn.
103—Fla. 10—Ill. 352, 942—Ind.
311—Kan. 82—Md. 133—Mich.
135, 536—N. H. 1—N. J. 490—
N. Y. 1161, 1390—N. C. 172—Ohio
888—Pa. 639, 1025—Tex. 149—
Wash. 114—Canada 352

— I —

I. S. I. MFG., INC.

22930 Sherwood
Warren, Mich.
Phone: SL 8-0455
Mich. 325

ISIS INC.

Box 1062
York, Pa.
Phone: 81849
(Contact manufacturer direct)

I-T-E CIRCUIT BREAKER CO.

1900 Hamilton St.
Philadelphia 30, Pa.
Phone: LO 7-1420
Ala. 65, Ariz. 121—Cal. 555,
1265—Colo. 96—Conn. 147—D. C.
41—Fla. 331, 357—Ga. 139—
Ill. 389—Ind. 256—Iowa 59—La.
123, 191—Md. 74—Mass. 106—
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437—Mont. 23—Neb. 43—N. Y.
900, 1507, 1580—N. C. 72—Ohio
266, 674—Okla. 106—Ore. 87—
Pa. 335, 576, 785, 920—Tenn. 162
—Tex. 12, 121, 399, 618—Utah
77—Wash. 119—W. Va. 26—Wis.
237

IDEAL INDUSTRIES, INC.

4152 Park Ave.
Sycamore, Ill.
Phone: 2114
(See advertisement p. 41)
Cal. 607, 1291—Colo. 24—Ga.
139—Ill. 391, 1264—Ind. 529—
Iowa 126—Kan. 57—La. 159
—Md. 63—Mass. 73—Mich. 435—
Minn. 98—Mo. 500—Neb. 32—
N. Y. 901, 1508—Ohio 267, 675—
Okla. 31—Pa. 577, 921—Tex. 184
—Utah 87—Va. 119—Wash. 199
—Wis. 491—Canada 588

IDEAL TOOL & DIE CO., INC.

733-735 Congress St.
Schenectady 3, N. Y.
Phone: EX 3-8872
Cal. 369, 1191—Conn. 217, 343—
Ga. 221—Ill. 1033, 1169—La. 100
—Mass. 533—Minn. 172—Neb. 37
—N. J. 219, 408—N. Y. 272, 458,
544, 604, 636, 768, 1063, 1538—
Ohio 540, 621, 719—Ore. 157—
Pa. 1075, 1324—Utah 60—Wash.
60—Wis. 271

ILLINOIS METAL PRODUCTS

429 W. Superior St.
Chicago 10, Ill.
Phone: SU 7-3761
Cal. 442, 1473—Fla. 184—Ill. 554,
1187—Ind. 519—Iowa 108—Mass.
313—Mich. 481—N. J. 292—N. Y.
682—Ohio 1604—Pa. 651, 694,
1131—Va. 73—Wis. 343

ILLINOIS TOOL WORKS Machine & Instrument Div.

2501 N. Keeler Ave.
Chicago 39, Ill.
Phone: CA 7-2200
Ala. 156, 161—Ariz. 81, 133—Cal.
82, 178, 293, 337, 668, 730, 859,
904, 1116, 1255, 1432, 1585—Colo.
131—Conn. 62, 89, 170, 177, 328—
D. C. 61—Fla. 43, 100, 175, 322,
397—Ga. 61—Idaho 11—39, 96,
122, 238, 431, 487, 604, 836,
914, 985, 1093, 1115, 1181—Ind.
39, 83, 101, 104, 127, 230, 310, 456,
476, 496, 537—Iowa 9, 24, 122,
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85—Ky. 28—La. 98, 207—Me. 28
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1127, 1139, 1163, 1222, 1333—
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148, 204, 222, 225, 244, 455, 539,
555—N. Y. 339, 406, 437, 572, 669,
779, 879, 1209, 1285, 1514—N. C.
33, 135, 180, 187, 194—Ohio 27,
355, 430, 757, 810, 926, 1092, 1191,
1391, 1460, 1496, 1512, 1622, 1640,
1729—Okla. 24—Ore. 76—Pa.
33, 72, 192, 337, 348, 641, 790,
1304—S. C. 16, 81—Tenn. 1, 38,
139, 242—Tex. 11, 297, 330, 352,
415, 419, 443, 678, 785—Utah 81—
Va. 39, 153—Wash. 244, 334—
W. Va. 15—Wis. 52, 77, 415, 440

IMPERIAL STAMP & ENGRAVING CO.

8258 N. Christiana Ave.
Skokie, Ill.
Phone: OR 4-2323
Ill. 1179—Ind. 164—Mich. 874—
N. Y. 557

INDEX INDUSTRIAL CORP.

660 Madison Ave.
New York 21, N. Y.
Phone: TE 8-5161
Conn. 116—Ill. 116—Ind. 185—
Md. 15—Mich. 143, 996—Minn.
119—N. J. 46, 205—Ohio 679—
Ore. 157—Pa. 1047, 1324—Tex.
216, 614

INDEX MACHINE CO.

543 N. Mechanic St.
Jackson, Mich.
Phone: ST 2-6142
(See advertisement p. 64)
Ala. 158—Ariz. 14, 24—Cal. 453,
545, 1531—Colo. 131—Del. 7—D.
C. 16—Fla. 171, 197, 313—Ga. 61
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—Va. 59, 106—Wash. 64—Wis.
144, 201—Canada 244, 363, 434,
477, 606, 611

INDIANA COMMERCIAL FILTERS CORP.

Lebanon, Ind.
Phone: 50
Cal. 640—Colo. 200—Conn. 171—
Fla. 125—Ill. 397—Ind. 197—Iowa
124—La. 88—Md. 137—Mass. 374
—Mich. 326—Mo. 66, 596—N. J.
496—N. Y. 219, 570—Ohio 234, 926
—Okla. 149—Pa. 63—Tex. 565—
W. Va. 18—Wis. 271

INDIANA COPPER CORP.

662 Lincoln Blvd.
Marion, Ind.
Phone: NO 4-7293
(Contact manufacturer direct)

INDIANA GEAR WORKS, INC.

1458 E. 19th St.
Indianapolis 7, Ind.
Phone: ME 8-2331
Cal. 983—Conn. 497

INDIANA STEEL PRODUCTS CO. Div. of Indiana General Corp.

405 Elm St.
Valparaiso, Ind.
Phone: HO 2-3131
Cal. 558—Ill. 398—Mass. 552—
N. J. 160—N. Y. 1296—Ohio 676
—Pa. 1212

INDUCTION HEATING CORP.

181 Wythe Ave.
Brooklyn 11, N. Y.
Phone: EV 4-3110
Cal. 1548—Colo. 63—Conn. 293—
Fla. 323—Ill. 247—Iowa 69, 183—
La. 100—Md. 196—Mass. 247—
Mich. 814—Minn. 162—Mo. 179,
494—N. J. 13—N. Y. 1299, 1625,
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1383—Pa. 65, 375—Tex. 31, 276,
454, 685, 700—Wash. 136—Wis.
211, 400—Canada 233

INDUSTRIAL ELECTRONICS, INC.

8060 Wheeler Ave.
Detroit 10, Mich.
Phone: TY 8-7600
Cal. 990—Mich. 324—Ohio 1634

INDUSTRIAL GEAR MFG. CO.

4515-39 W. Van Buren St.
Chicago 24, Ill.
Phone: VA 6-6263
Cal. 258—Ga. 154—Ill. 432—Iowa
28—Mich. 743—Ohio 1428—Pa.
59—Tex. 238

INDUSTRIAL METAL PRODUCTS CORP.

3417 W. St. Joseph St.
Lansing 1, Mich.
Phone: IV 4-9411
Conn. 204—Ind. 217—Mich. 95, 823
—Tenn. 222—Wis. 398

INDUSTRIAL RETAINING RING CO.

57 Cordier St.
Irvington 11, N. J.
Phone: WA 6-5000
Ala. 103, 173—Ariz. 3, 4, 90, 135—
Ark. 14—Cal. 12, 30, 119, 139, 165,
250, 332, 365, 611, 824, 858, 977,
1008, 1083, 1154, 1409—Colo. 46,
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79, 258, 471, 673, 693, 791, 1044,
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40, 135, 303, 509, 793, 837, 853—
Utah 15—Va. 5, 18, 87, 120—Wash.
14, 36, 49, 352—Wis. 49, 59, 123—
Canada 55, 96, 448, 530, 563

INDUSTRIAL TECTONICS, INC.

3686 Jackson Rd.
Ann Arbor, Mich.
Phone: NO 3-2451
Ariz. 55—Cal. 110, 687—Colo. 203
—Fla. 60—Ga. 89—Ind. 224, 533—
Mass. 255, 443—Mich. 13, 705—
Minn. 198—Mo. 249—N. J. 469—
N. M. 15—N. Y. 1149, 1455, 1561—
N. C. 247—Ohio 52, 920—Pa. 259
—Tex. 235, 329—Wash. 155

MANUFACTURERS

INDUSTRIAL TOOL SERVICE

2071 Rosewood
Elyria 7, Ohio
N. Y. 1439

INDUSTRIAL SYSTEMS CO.

33 Main St.
Matawan, N. J.
Phone: LO 6-4660
Cal. 893—Mass. 661—N. Y. 291—
Ohio 839—Wis. 353

INGERSOLL MILLING MACHINE CO., THE

707 Fulton St.
Rockford, Ill.
Phone: WO 3-6461

(Contact manufacturer direct)

INGERSOLL-RAND CO.

11 Broadway
New York 4, N. Y.
Phone: DI 4-6070

(See advertisement p. 505)

Ala. 68—Cal. 561, 1266—Colo. 98—
D. C. 43—Ill. 396—La. 126—Md.
76—Mass. 108—Mich. 441—Minn.
142—Mo. 134—Mont. 22—N. J. 512
—N. Y. 247, 905—Ohio 268, 681
—Okla. 112—Pa. 582, 924, 1178—
Tenn. 86—Tex. 221, 441, 625—
Utah 49—Va. 101—Wash. 148

INGRAHAM CO., THE

Bristol, Conn.
Phone: LU 2-6321

(Contact manufacturer direct)

INLAND STEEL CO.

30 W. Monroe
Chicago 3, Ill.
Phone: FI 6-0300
Ill. 399—Ind. 267—Iowa 61—Kan.
17—Mich. 442—Minn. 305—Mo.
442—N. Y. 906—Tex. 626—Wis.
241

INSPECTION CONTROL CORP.

Lake City, Mich.
Cal. 827—Mich. 355—N. J. 204—
N. Y. 1350—Pa. 568—Wis. 140

INSPECTION DEVICES CO., INC.

Div. of Corco Tool Co.

5408 S. Halsted St.
Chicago 23, Ill.
Phone: KE 6-2345-8

(Contact manufacturer direct)

INSPECTION EQUIPMENT CO.

1610 S. Woodward Ave.
Birmingham, Mich.
Phone: MI 6-1040
Conn. 445—Ill. 257, 855—Ind. 205
—Mass. 363, 416—Mich. 114, 313,
859, 1207—Minn. 196—N. J. 443,
618—Ohio 219, 519—Pa. 529

INSTRUMENT GEAR WORKS, INC.

4624 N. Oketo Ave.
Chicago 31, Ill.
Phone: UN 7-9090

(Contact manufacturer direct)

INTER-LAKES ENGINEERING CO.

39200 Groesbeck Hwy.—P. O. Box
147
Mt. Clemens, Mich.
Phone: HO 3-8631
Ala. 129—Cal. 846—Colo. 89—
Conn. 348—Fla. 36—Ill. 1081—Ind.
266—Mich. 1118—Min. 103—Mo.
50, 488—N. J. 392—Pa. 468, 789—
Wash. 132

INTERNATIONAL ABRASIVE CORP.

64 W. 2nd St.
Clifton, N. J.
Phone: GR 1-2820

(Contact manufacturer direct)

INTERNATIONAL MACHINE & TOOL CORP.

101 Ventury Ave.—Warwick
Industrial Park
Providence 5, R. I.
Conn. 339—Fla. 326—Mass. 313—
N. J. 46—N. Y. 502, 1400—Ohio
1373—Tex. 619

INTERNATIONAL NICKEL CO.

67 Wall St.
New York 5, N. Y.
Phone: WH 4-1000
Cal. 562—Conn. 184—Ill. 402—
Mich. 443—Ohio 269—Pa. 4, 925
—Tex. 627

INTERNATIONAL RESEARCH & DEVELOPMENT CORP.

6150 Huntley Rd.—P. O. Box 55
Worthington, Ohio
Phone: TU 5-5376
Ariz. 104—Cal. 97—D. C. 32—Ga.
141—Mich. 1363—N. J. 190, 587—
N. Y. 1080—Ohio 1076, 1695—
Pa. 1115—Utah 81—Wash. 296—
Canada 190, 554

IPSEN INDUSTRIES, INC.

715 S. Main St.
Rockford, Ill.
Phone: WO 5-9581
Cal. 880—Ill. 1174—Mich. 444—
N. J. 369—Ohio 1377—Pa. 1115—
Tex. 198, 593—Canada 356

— J —

J & S TOOL CO., INC.

87 Dorsa Ave.
Livingston, N. J.
Phone: WY 2-3181-2
Ariz. 37—Cal. 72, 82, 616, 730,
827, 1039, 1088, 1128, 1186, 1241,
1315—Colo. 58—Conn. 244, 339,
479—D. C. 24—Ga. 43—Ill. 161—
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104, 219, 242, 408, 409, 523, 575—
N. M. 15—N. Y. 124, 151, 272, 346,
472, 544, 672, 611, 682, 769, 1106,
1371, 1417, 1418, 1562, 1574, 1628—
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125—Ore. 68, 131—Pa. 598, 1056,
1266—R. I. 67—Tex. 252, 385, 772
—Utah 26—Va. 73—Wash. 234—
W. Va. 18—Wis. 81, 388, 472—
Canada 80, 116, 210, 401, 470, 584

JACKSON FLUID POWER CO.

16722 E. Warren
Detroit 24, Mich.
Phone: TU 2-9551
(Contact manufacturer direct)

JACOBS MFG. CO., THE

West Hartford 10, Conn.
Phone: AD 3-4411
(Contact manufacturer direct)

JAHN MFG. CO., THE, B.

200 Ellis St.
New Britain, Conn.
Phone: BA 9-2007
(Contact manufacturer direct)

JANNEY CYLINDER CO.

7401 State Rd.
Philadelphia 36, Pa.
Phone: MA 4-6600
Cal. 1268—Colo. 101—Ill. 61—La.
3—Mich. 1356—Mo. 7—Tex. 557—
Wis. 270

JARKE MFG. CO.

6333 W. Howard St.
Chicago 8, Ill.
Phone: NI 7-7043
Cal. 354, 677—Conn. 9, 295—Ill.
644, 1141—Ind. 212, 215—Ky. 5—
Mass. 3—Mich. 824, 1106—Minn.
184, 285—Mo. 123, 363—N. H. 7—
N. J. 401—N. Y. 569, 592—Ohio
265, 650, 837, 1646—Pa. 715, 1124,
1156, 1207—Tex. 647—Wis. 383

JARVIS CORP.

Pease Ave.
Middletown, Conn.
Phone: DI 7-3321
Ala. 6—Ariz. 132—Cal. 565, 1473—
Colo. 103—Conn. 101, 251—Fla.
134, 282—Ill. 409, 445, 1187—Ind.
314, 461—Md. 64—Mass. 8, 19, 51,
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N. Y. 412, 1150, 1651—N. C. 113—
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214, 496, 802, 1306—Tenn. 196—
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JAW MFG. CO.

39 Mulberry St.
Reading, Pa.
Phone: FR 6-2019
Cal. 1577—Ill. 663—Mich. 779—
Tex. 226

JEMCO TOOL CORP.

22 State St.
Seneca Falls, N. Y.
Phone: LO 8-6867
Cal. 160, 262, 710, 1308—Conn. 412
—Ill. 495, 644—Mass. 144—Mich.
333, 643—Minn. 13—Mo. 538—
N. J. 237—N. Y. 322—N. C. 117—
Ohio 381, 869—Pa. 129, 689—
Wash. 239, 342—Wis. 375

JENTSCH INC., EDWARD

11 Penobscot St.
Clifton, N. J.
Phone: PR 9-5095
(Contact manufacturer direct)

JEON MFG. CO.

P. O. Box 6750
Washington 20, D. C.
Phone: LU 2-7263
Colo. 142—Conn. 122—Ill. 540—
Md. 198—Mass. 358—Mich. 614—
Minn. 213—N. Y. 1069—Ohio 314
—Canada 193

JERGENS TOOL SPECIALTY CO.

712 E. 163rd St.
Cleveland 10, Ohio
Phone: IV 6-2100
Cal. 711, 953—Conn. 308, 491—
Ill. 711, 1200—Ind. 104—Mass. 358
—Mo. 226—N. J. 283—N. Y. 94,
982—Ohio 1122—Pa. 641, 658, 1304
—Wis. 212

JERPAK-BAYLESS CO.

34150 Solon Rd.
Solon 39, Ohio
Phone: CH 8-5387
Cal. 1399—Ill. 47—Ind. 299—Mich.
850, 1035—Minn. 175—Mo. 630—
N. Y. 561, 930—Ohio 1215, 1502—
Wash. 178—Canada 422

JERSEY MFG. CO.

401 Livingston St.
Elizabeth 1, N. J.
Phone: EL 4-8222
(Contact manufacturer direct)

JES CAL CO.

31485 Groesbeck Hwy.
Fraser, Mich.
Phone: PR 7-4800
Wis. 366

JESSOP STEEL CO.

Washington, Pa.
Phone: BA 2-4000
Ala. 70—Cal. 421, 567—Conn. 185
—D. C. 45—Ill. 42, 43—Ind. 271—
Ky. 141—Mich. 451—N. Y. 249,
911—N. C. 78—Ohio 274, 692—Pa.
931—Tex. 630—Wis. 127—Canada
439

JIFFY DISINTEGRATORS, INC.

1503 E. 11 Mile Rd.—P. O. Box 308
Royal Oak, Mich.
Phone: LI 5-1115
Cal. 774, 1241—Colo. 19—Ill. 614—
Ind. 303—Iowa 180—Mass. 438,
643—Mich. 862—Minn. 222—Mo.
119, 567—N. Y. 1343—Ohio 1194,
1373—Pa. 227, 1230A—Tex. 762—
Wash. 241—Wis. 400—Canada 187

JO-LINE TOOLS, INC.

8442 Otis St.
South Gate, Calif.
Phone: LO 7-1489
Ariz. 133—Cal. 737, 1304—Ga.
277—Ill. 495—Ind. 349—La. 217—
Mass. 130—Mich. 194—Mo. 244,
518—N. Y. 529—N. C. 65—Ohio
342, 811, 1226—Okla. 108—Pa. 716,
1013—Tex. 875—Utah 3—Wis. 267

JOHANSSON GAGE CO., C. E.

10641 Haggerty Ave.
Dearborn 1, Mich.
Phone: TI 6-7280
Cal. 1399, 1475—Colo. 3, 100—
Fla. 384—Ill. 47—Ind. 503—Md.
25—Mass. 236—Mich. 132, 171—
Minn. 293—Mo. 312—N. Y. 678—
Ohio 433, 456, 1531—Pa. 561, 934—
Tenn. 56—Tex. 329—Utah 26—
Wash. 164—Wis. 406

JOHNS-MANVILLE SALES CORP.

22 E. 40th St.
New York 16, N. Y.
Phone: LE 2-7600
Cal. 569, 1273—Colo. 104—Ga. 146
—Ill. 413—La. 128—Mass. 110—
Minn. 145—Mo. 445—N. Y. 912—
Ohio 275, 694—Pa. 586—Tex. 631
—Wash. 153—Wis. 244

JOHNSON BRONZE CO.

S. Mill St.
New Castle, Pa.
Phone: OL 4-6631
Cal. 570, 915—Ga. 147—Ill. 414—
Mass. 220—Mich. 452—Mo. 136,
446—N. J. 373—N. Y. 250, 913—
Ohio 276, 696—Pa. 587—Tex. 225,
632

JOHNSON DRILL HEAD CO.

2401 - 20th St.
Rockford, Ill.
Phone: WO 8-2279
Cal. 298—Ill. 1177—Ind. 100, 408—
Mich. 561—Ohio 1290—Wis. 423

JOHNSON GAGE CO., THE

Bloomfield, Conn.
Phone: CH 2-5541
Cal. 8, 1504—Ill. 47—Ind. 359—
Mass. 443—Mich. 934—Mo. 235—
N. J. 204—Ohio 762, 1232—Pa. 160
—Tex. 329—Wis. 416

JOHNSON GAS APPLIANCE CO.

520 East Ave., NW.
Cedar Rapids, Iowa
Phone: EM 5-3587
Cal. 1165—Ill. 417

JOHNSON MACHINE & PRESS CORP.

620 W. Indiana Ave.—P. O. Box
426
Elkhart, Ind.
Phone: JA 2-7510
Ala. 61—Ariz. 33—Ark. 10, 23—
Cal. 624, 1255—Colo. 80—Conn.

MANUFACTURERS

42, 496—D. C. 24—Fla. 175, 395—
Ga. 142—Idaho 11—Ill. 403, 1141—
Ind. 21, 235, 580—Kan. 75—Ky. 85
—La. 181, 217—Md. 51—Mass.
261, 333—Mich. 113, 658—Minn.
149, 183, 284—Mo. 96, 488—N. H.
14—N. J. 423—N. Y. 141, 654, 1269
—N. C. 52, 153—Ohio 63, 172,
1388—Okla. 24, 96—Ore. 151—Pa.
359, 583, 667, 1087—R. I. 54—
Tenn. 14, 170—Tex. 290, 472,
651, 846—Utah 79—Wash. 92—
Wis. 66, 144—Canada 187, 345, 469

JOHNSON & SON, INC., S. C.
1525 Howe St.
Racine, Wis.
Phone: ME 2-1611
Cal. 89, 572—Colo. 105—Ga. 148—
Ill. 415—Ind. 272—Md. 78—Mass.
383—Mich. 455—Minn. 146—Mo.
137, 447—N. Y. 251, 594—N. C.
203—Ohio 277, 698—Pa. 379, 586—
Tenn. 166—Tex. 228, 634—Wash.
156—Wis. 453

JOHNSTON MFG. CO.
2825 E. Hennepin Ave.
Minneapolis 13, Minn.
Phone: FE 1-7939
(Contact manufacturer direct)

JONES & LAMSON MACHINE CO.
518 Clinton St.
Springfield, Vt.
Phone: TU 5-2121
Ala. 196—Ariz. 48—Cal. 59—510,
1410—Colo. 80—Fla. 254—Ga. 55—
Ill. 419—Ind. 184, 273—Kan. 100—
Ky. 130—La. 32, 181, 217—Mass.
121, 553—Mich. 456—Minn. 231—
Miss. 36—Mo. 160, 603—Neb. 50
—N. Y. 916, 1574—N. C. 79—Ohio
699—Okla. 29, 129—Ore. 44—Pa.
396, 790—Tex. 472, 766—Utah 9—
Wash. 219—Wis. 367—Canada 25,
78, 115, 168, 238, 250, 257, 400, 469,
583, 610

JONES & LAUGHLIN STEEL CORP.
3 Gateway Center
Pittsburgh 30, Pa.
Phone: CO 1-7400
Cal. 563, 1267—Ga. 143—Ill. 404—
Ind. 268—Ky. 74—La. 127—Md.
77—Mass. 109—Mich. 446—Mo.
443—N. Y. 249, 908—Ohio 271,
682, 1057—Pa. 584, 927—Tenn.
165—Tex. 629

JONES & LAUGHLIN STEEL CORP.
Stainless & Strip Div.
P. O. Box 4606
Detroit 34, Mich.
Phone: JE 6-7200
Cal. 739, 1273A—Ill. 420—Ind. 274
—Mich. 457—Mo. 12—N. J. 375—
Ohio 700—Tex. 730—Wash. 159

JONES MOTROLA CORP.
432 Fairfield Ave.
Stamford, Conn.
Phone: DA 4-7381
Conn. 187—Mich. 591—N. Y. 280
—N. C. 27—Ohio 802

JORDON CONTROLS, INC.
3235 W. Hampton Ave.
Milwaukee 9, Wis.
Phone: UP 1-9240
Cal. 457, 1299—Colo. 61—Ill. 215
—Ind. 234—Md. 56—Mass. 569—
Mich. 213—Minn. 346—N. Y. 233,
1491, 1642—Ohio 436, 1347, 1541
—Ore. 202—Pa. 71—Tex. 738—
Wash. 303—Canada 70, 236, 328,
523

JOWITT & RODGERS CO.
9400 State Rd.
Philadelphia 14, Pa.
Phone: DE 2-2500
Ohio 693—Pa. 89

JOYCE-CRIDLAND CO., THE
2027 E. 1st St.
Dayton 5, Ohio
Phone: CL 3-2131
(Contact manufacturer direct)

JUALL GEAR CO., INC.
1108 Goffie Rd.
Hawthorne, N. J.
Phone: HA 7-4220
(Contact manufacturer direct)

JUNKIN SAFETY APPLIANCE CO., INC.
3121 Millers Lane
Louisville 16, Ky.
Phone: SP 5-8303
(Contact manufacturer direct)

— K —

K. C. ABRASIVE CO.
3140 Dodge Rd.
Kansas City 15, Mo.
Phone: FI 2-2900
Ariz. 45—Cal. 264, 526, 649, 1252
—D. C. 67—Ill. 273, 713, 828—Ind.
230—La. 154—Mich. 1002—Minn.
107, 277—Mo. 486—N. Y. 135, 598,
857—Ohio 21, 878—Okla. 7—Ore.
194—Pa. 638—Wis. 356—Can. 397

KDI CORP.
Beech & Kenilworth Sts.—P. O.
Box 130
Cincinnati 12, Ohio
Phone: EL 1-3040
(Contact manufacturer direct)

K. D. K. PRODUCTS
3008-10 Tweedy Blvd.
South Gate, Calif.
Phone: LO 7-2197
Ariz. 30, 37, 58—Cal. 49, 133, 238,
249, 279, 319, 340, 513, 545, 616,
711, 807, 828, 994, 1018, 1080, 1241
—Conn. 113—Fla. 184—Ill. 74—
Ohio 1122—Okla. 59, 108—Tex.
321—Wash. 261

K-G EQUIPMENT CO., INC.
Div. of Air Products, Inc.
1744 Lehigh St.
Allentown, Pa.
Phone: SW 7-5820
(Contact manufacturer direct)

KAISER ALUMINUM & CHEMICAL SALES, INC.
300 Lakeside Dr.
Oakland 12, Calif.
Phone: CR 1-2211
Cal. 575, 916—Ill. 423—Mass. 111
—Mo. 139—N. Y. 917—Ohio 702—
Pa. 590, 935—Wash. 161

KALAMAZOO TANK & SILO
(See Mach. Tool Div.)

KALINS & CO., J. M.
1575 Railroad Ave.
Bridgeport 5, Conn.
Phone: ED 3-9405
(Contact manufacturer direct)

KANE & ROACH, INC.
Niagara & Shonnard St.
Syracuse 4, N. Y.
Phone: GR 6-8393
Ala. 158—Cal. 615, 1517—Conn.
314—Ill. 314—Ind. 280—Mass. 121
Mich. 493, 1025—Mo. 191, 508—
N. Y. 1106—Ohio 84, 287, 784,
1059, 1211, 1418, 1610—Okla. 142—
Pa. 739, 989—Wis. 207

KANO LABORATORIES
1000 S. Thompson Lane
Nashville, Tenn.
Phone: AL 4-3519
(Contact manufacturer direct)

KARNIOTIS PRECISION PRODUCTS, INC.
14847 Heyden
Detroit 23, Mich.
(Contact manufacturer direct)

KASENIT CO.
3 King St.
Mahwah, N. J.
Phone: LA 9-3663
Ala. 94, 158—Cal. 473, 1298—Colo.
72, 90—Conn. 37, 299—Ga. 2—Ill.
74—Ind. 127, 425—Me. 22—Md.
18, 27—Mass. 59—Mich. 212, 1391
—Mo. 95—N. Y. 153, 682—Ohio
509—Okla. 24—Pa. 735—S. C. 17
—Tex. 116, 415—Utah 62—Va. 99
—Wis. 387

KATOLIGHT CORP.
1st Ave. & Chestnut St.
Mankato, Minn.
Phone: 7966
Ariz. 121—Colo. 146—Fla. 20—
Ga. 301—Iowa 105—Md. 109—
Mass. 474—Mich. 927—Minn. 143
—N. J. 35—N. Y. 1053, 1060—
N. C. 166—Ohio 742—Okla. 25—
Pa. 352—Tenn. 118—Va. 164—
Wash. 259—W. Va. 96—Wis. 25
—Canada 37, 120, 277

KAUFMAN MFG. CO.
553 S. 29th St.
Manitowoc, Wis.
Phone: MU 4-6641
Ala. 114—Cal. 59, 602, 1410—Colo.
70—Ga. 64—Ill. 1056—Ind. 258—
Ky. 60—Mich. 173, 394—Minn. 284
—Mo. 97, 476—Neb. 37—N. Y.
200, 611, 1346, 1554—N. C. 19—
Ohio 648—Pa. 722, 815—Tenn.
157—Tex. 216—Wash. 92—Canada
44, 176, 288, 455, 496

KAYDON ENGINEERING CORP., THE
Muskegon, Mich.
Phone: PL 5-3741
(Contact manufacturer direct)

KEARFOTT DIV.
General Precision, Inc.
Little Falls, N. J.
Phone: CL 6-4000
Ariz. 112—Cal. 286, 576, 975, 998,
1562—D. C. 47—Fla. 270—Ill. 944
—Mass. 222—N. J. 264—Ohio 1207
—Tex. 232—Wash. 162

KEARNEY & TRECKER CORP.
6800 W. National Ave.
Milwaukee 14, Wis.
Phone: GR 6-8300
Ala. 92—Ariz. 114—Cal. 59, 642,
1119, 1410—Colo. 4—Fla. 110—Ga.
221—Ill. 405, 993—Ind. 280—Kan.
123—La. 171, 207—Mass. 155—
Mich. 44, 458—Minn. 327—Mo.
191, 508—Neb. 37—N. J. 156—
N. Y. 346, 1371, 1562—N. C. 180,
194—Ohio 287, 706, 1059, 1211—
Okla. 174—Ore. 82—Pa. 53, 938—
Tenn. 50—Tex. 195, 732—Utah 104
—Va. 120—Wash. 92—Wis. 247—
Canada 244, 434, 477, 606, 611

KELITE CORP.
87 Industrial Rd.
Berkeley Heights, N. J.
Phone: CR 3-5500
Cal. 578—Ill. 424

KELLNER TOOL & MACHINE CO.
18490 Mt. Elliott
Detroit 34, Mich.
Phone: TW 2-4060
(Contact manufacturer direct)

KEMPSMITH MACHINE CO., THE
1819 S. 71st St.
West Allis 14, Wis.
Phone: GR 6-3625
Ala. 158—Cal. 93, 764—Colo. 131—
Conn. 454—D. C. 21—Fla. 358—
Ga. 188—Ill. 541, 1009—Ind. 326—
Iowa 7—Mass. 262—Mich. 394—
Minn. 195—Mo. 96—N. Y. 655,
1578—Ohio 904, 1184—Okla. 108—
Ore. 44—Pa. 1083, 1272—S. C. 39
—Tenn. 56, 213—Tex. 415, 472,
754—Utah 62—Va. 39—Wash. 64—
Wis. 317

KENCO MFG. CO.
5211 Telegraph Rd.
Los Angeles 22, Calif.
Phone: AN 8-1201
Ariz. 178—Cal. 44, 238, 453, 1308—
Fla. 363—Ill. 96, 168—Ind. 254—
Mass. 572—Mich. 114—Minn. 330
—Mo. 84—N. J. 360—N. Y. 645,
1405—Ohio 964—Pa. 670—Wash.
132

KENHOS CORP. DIV.
P. O. Box 2-Noroton Hts. Station
Darien, Conn.
Phone: OL 5-1504
Ind. 423—Mich. 1301—Pa. 1087

KENNA DIAMOND WHEEL CORP.
2 W. 46 St.
New York 36, N. Y.
Phone: CO 5-0577
(Contact manufacturer direct)

KENNAMETAL, INC.
Lloyd Ave.
Latrobe, Pa.
Phone: KE 7-3311
(See advertisement p. 58)
Ala. 6—Cal. 579, 1275—Colo. 109
—Fla. 135—Hawaii 5—Ill. 426—
Ind. 277—La. 100—Mass. 515—
Mich. 462, 893—Minn. 13, 26, 150
—Mo. 142, 452—N. Y. 259,
1302, 1515—N. C. 80—Ohio 284,
1688—Okla. 24, 99—Ore. 123—Pa.
594, 939—Tex. 169, 574—Utah 26
—Wash. 69—Wis. 253

KENT-OWENS MACHINE CO.
958 Wall St.
Toledo 10, Ohio
Phone: CH 4-8331
Cal. 615, 1191—Conn. 454—Fla. 92,
205, 290, 320—Ill. 314, 1002—Ind.
88, 338—Kan. 87—La. 181—Mass.
84—Mich. 393, 988—Minn. 19, 231
—Miss. 36—Mo. 97, 546—Neb. 23
—N. Y. 155, 655, 790, 1072, 1356,
1411, 1538—N. C. 19—Ohio 249,
621, 1107, 1184—Pa. 405, 499, 790—
S. D. 7—Tenn. 216, 754—Wash.
261—Wis. 207—Canada 44, 176,
288, 455, 496

KEPNER PRODUCTS CO.
7321 W. 59th St.
Summit, Ill.
Phone: GL 8-1340
Cal. 232, 1193—Conn. 446—Fla.
224—Ga. 39—Ill. 972—Mass. 217—
Mich. 555, 881, 993—Mo. 37—N. J.
602—Ohio 725, 1236—Pa. 1242—
Tex. 167, 572—Wash. 288—Canada
196

KERNS CO., L. R.
2657 E. 95th St.
Chicago 17, Ill.
Phone: SA 1-6655
Ala. 67—Fla. 9—Ill. 995—Ind. 470
—La. 20—Mich. 418, 786, 1230—
Minn. 244—Mo. 475—N. J. 44, 48
—N. Y. 336—Ohio 965, 1229—Pa.
369—Tex. 548—Wis. 142

KESTER SOLDER CO.
4201 Wrightwood Ave.
Chicago 39, Ill.
Phone: BE 5-1601
(Contact manufacturer direct)

MANUFACTURERS

KEUFFEL & ESSER CO.

390 Adams St.
Hoboken, N. J.
(Contact manufacturer direct)

KEYSTONE LUBRICATING CO.

21st Clearfield & Lippicott Sts.
Philadelphia 32, Pa.
(Contact manufacturer direct)

KEYSTONE REAMER & TOOL CO.

Millersburg, Pa.
Phone: OW 2-2572
Cal. 696—Colo. 110—Ga. 51—Ill.
730—Mich. 1280—Minn. 225—Mo.
250—N. Y. 381, 1066—N. C. 235—
Ohio 1363—Pa. 856, 1278—Tenn.
197—Tex. 139—Va. 81—Wash. 166

KINDT-COLLINS CO.

12651 Elmwood Ave.
Cleveland 11, Ohio
Phone: CL 2-4122
Ariz. 111—Cal. 369, 532—Mich.
760—N. M. 15—Ohio 1184—Tex.
517—Wash. 152—Wis. 256

KING MACHINE TOOL DIV.

American Steel Foundries

1150 Tennessee Ave.
Cincinnati 29, Ohio
Phone: RE 1-9210
Cal. 545, 1191—Colo. 100—Fla. 344
—Ill. 465—Ind. 338—La. 181—Md.
27—Mass. 155—Mich. 593, 968—
Minn. 327—Mo. 97, 361—N. Y.
655, 1562—Ohio 287, 942—Okla.
131—Pa. 790, 1272—Tenn. 75—
Tex. 249—Utah 88—Va. 120—
Wash. 132—Wis. 352

KING TESTER CORP.

444 N. 13th St.
Philadelphia 23, Pa.
Phone: WA 5-2418
Cal. 314, 675—Ga. 133—Hawaii
11, 12—Ill. 339—Ind. 233—La. 100
—Mass. 115, 187—Mich. 378—
Minn. 203—Mo. 320—N. M. 52—
N. Y. 324, 426, 1016—Ohio 635
—Tex. 559, 891—Wis. 215, 383—
Canada 372, 542

KINGSBURY MACHINE TOOL CORP.

Keene, N. H.
Phone: EL 2-5212
Ariz. 114—Cal. 59, 642, 1119, 1410
—Colo. 131—Conn. 483—Ga. 260
—Ill. 314—Ind. 227—Kan. 116—
Mich. 204, 847, 988—Mo. 227, 569
—N. Y. 346, 431, 611, 1371, 1417—
N. C. 87—Ohio 287, 634, 1184,
1577—Okla. 165—Pa. 754, 980—
Tex. 766—Wash. 336—Wash. 336—
Wis. 207—Canada 289, 456, 498

KIRK & BLUM MFG. CO., THE

3241 Forrer St.
Cincinnati 9, Ohio
Phone: EL 1-1400
(Contact manufacturer direct)

KLING BROTHERS ENGINEERING WORKS

1320 N. Kostner Ave.
Chicago 51, Ill.
Phone: CA 7-4200
Ala. 85—Cal. 160, 262, 710, 1308—
Colo. 131, 142—Conn. 454—Fla.
174, 312—Ga. 188, 331—Hawaii 14
—Ill. 314, 644—Ind. 254—Ky. 85—
La. 100—Md. 15, 185—Mass. 121,
144—Mich. 643, 714—Minn. 119—
Mo. 97, 476, 538—Neb. 50—N. J.
237—N. M. 34—N. Y. 301, 322,
655, 1056, 1411—N. C. 117, 153—
Ohio 381, 429, 453, 969, 1589—
Okla. 106—Ore. 96—Pa. 129, 233,
689, 798—Tenn. 38, 60, 250—Tex.
203, 695—Utah 62—Va. 39—Wash.
132, 239, 327—Wis. 375, 396—
Canada 25, 78, 115, 168, 238, 400,
469, 583, 610

KLINGELHOFER MACHINE TOOL CORP., ALBERT

740 Colfax Ave.
Kenilworth, N. J.
Phone: CH 5-3131
Ill. 524, 660—Mich. 576—Mo. 569
—N. Y. 1311, 1578—Ohio 904—Pa.
440, 1083—Tex. 762

KLIPFEL VALVES, INC.

1075 Lincoln
Hamilton, Ohio
Phone: TW 5-5661
(Contact manufacturer direct)

KNAPP INDUSTRIES, B. L.

107 N. Franklin St.
Syracuse 2, N. Y.
Phone: 2-3579
(Contact manufacturer direct)

KNIGHT MACHINERY CO., W. B.

3920 W. Pine
St. Louis 8, Mo.
Phone: FR 1-0840
Cal. 545, 1191—Conn. 291—D. C.
24—Fla. 21—Ga. 189—Ill. 290—
Ind. 389—Kan. 123—Mass. 121—
Mich. 686—Minn. 231—Neb. 50—
N. Y. 200, 862, 1356, 1538—N. C.
87—Ohio 982, 1088, 1275—Ore. 179
—Pa. 739, 778—Tenn. 56, 213—
Tex. 31, 685—Wash. 259—Wis. 201

KOEBEL DIAMOND TOOL CO.

9456 Grinnell Ave.
Detroit 13, Mich.
Phone: WA 1-3046
Cal. 1483—Fla. 230—Ill. 718—Ind.
11, 299—Iowa 182—Ky. 130—
Mass. 663—Mich. 467, 887—Minn.
198—Mo. 119—Neb. 37—N. Y. 339
—Ohio 124, 1180, 1625—Tenn. 56,
213—Tex. 336—Wis. 126—Canada
307

KOENIG'S MACHINE TOOL CO.

108 Mt. View Ave.
Troy, N. Y.
Phone: AS 2-8631
(Contact manufacturer direct)

KORFUND CO., THE

48-15 32nd Pl.
Long Island City 1, N. Y.
Phone: RA 9-7580
Ala. 80—Ark. 18—Cal. 746, 1346
—Colo. 138—Conn. 125—D. C.
48—Fla. 181, 362—Ga. 74—Ill.
379, 1101, 1170—Ind. 125, 345—
La. 119—Md. 88—Mass. 564—Mich.
813—Minn. 58—Mo. 79, 602—Neb.
35—N. Y. 31, 246, 1555—Ohio 403,
480—Okla. 147—Pa. 132, 880,
1191—Tenn. 80, 148—Tex. 36, 229,
778—Va. 110—Wis. 213—Canada
403, 585

KRAMER FABRICATING CO., THE

920 Fisher Bldg.
Detroit 2, Mich.
Phone: TR 1-1800
Mich. 360, 700—N. Y. 750—Wis. 64

KRAMER CO., INC., H. W.

120-30 Jamaica Ave.
Richmond Hill 18, N. Y.
Phone: VI 9-2747
Fla. 142—Mass. 630

KROMHARDT TWIST DRILL CO.

968 Hereford Dr.
Akron 3, Ohio
Phone: UN 4-8117
(Contact manufacturer direct)

KUX MACHINE CO.

6725 N. Ridge
Chicago 26, Ill.
(Contact manufacturer direct)

KUZMICK CO., THE PAUL

271-279 Grove Ave.
Verona, N. J.
Phone: CE 9-4600
Cal. 411, 909—Ill. 642, 1244—Mass.
67—Mich. 818—Pa. 231—Tex. 620

— L —

L. & J. PRESS CORP.

Ren St. & Sterling Ave.
Elkhart, Ind.
Phone: JA 2-0203
Cal. 723, 1453—Colo. 100—Conn.
116—D. C. 61—Fla. 313—
Ill. 295, 772, 1002—Ind. 17, 338—
Iowa 167—Mass. 199—Mich. 696,
1222—Minn. 243—Neb. 50—N. J.
388—N. Y. 290, 449, 1322, 1531—
N. C. 19—Ohio 190, 1205, 1617—
Okla. 126—Pa. 670, 973, 1083—
R. I. 69—Tex. 244, 711—Va. 146—
Wis. 239, 353

L. & L. MFG. CO.

136 - 8th St.
Upland, Pa.
Ariz. 118—Cal. 597—Ga. 166—
Hawaii 6—La. 201—N. Y. 240—
Ohio 315, 608—Pa. 256—Canada
428

L. & S. BEARING CO.

6 S. Pennsylvania—P. O. Box 906
Oklahoma City 1, Okla.
Phone: CE 6-5501
Cal. 865, 1278—Colo. 230—Fla. 49
—Ill. 221—Mich. 1242—Mo. 63—
N. Y. 121—Ohio 1664—Okla. 28—
Wash. 362

L-W CHUCK CO.

24 S. St. Clair St.
Toledo 4, Ohio
Phone: CH 1-1167
(Contact manufacturer direct)

LA BAHN ROLL REED CORP.

Forrest St.
Metuchen, N. J.
Phone: LI 8-0800
(Contact manufacturer direct)

LAHR MACHINE & TOOL CORP.

3400 Maplewood Ave.
Toledo 10, Ohio
Phone: CH 3-1271
Conn. 503—Ill. 425—N. Y. 301—
Ohio 429—Pa. 54, 973—Tenn. 38
—Tex. 559—Canada 434, 606

LAHR MACHINE & TOOL CORP.

(Press Automation Equipment only)
Ga. 193—Ill. 754—Ind. 185—Mich.
1159—Mo. 537—Neb. 50—N. Y.
616—Ohio 962, 1297—Ore. 157—
Pa. 585

LAILAW INC., WILLIAM

5 Greenwich St.
Belmont, N. Y.
Phone: 5500
Cal. 1308—Conn. 25—D. C. 5—
Ind. 217—La. 207—Mass. 115—
Mich. 666—N. J. 170—N. Y. 290,
442, 1665—Ohio 1373—Okla. 24—
Pa. 533, 888—S. C. 11—Tex. 285—
Va. 99—Canada 288, 510

LAKE CHEMICAL CO.

3052 W. Carroll Ave.
Chicago 12, Ill.
Phone: SA 2-6085
(Contact manufacturer direct)

LAKE ERIE MACHINERY CORP.

P. O. Box 68
Buffalo 17, N. Y.
Phone: BE 6900
Cal. 96—Ill. 438—Mich. 474—
N. Y. 927

LAKE SHORE, INC.

P. O. Box 911
Iron Mountain, Mich.
Phone: 2980
Cal. 1250—Ill. 657—Mich. 544—
Minn. 12—Mo. 367—N. J. 179—
N. Y. 928, 1557—Pa. 945—Wis. 127

LAMB CO., F. JOS.

5662 E. 9 Mile Rd.
P. O. Box 4611
Detroit 34, Mich.
Phone: JE 6-3535
Ill. 243—N. Y. 301

LAMB ELECTRIC CO., THE

Div. of American Machine & Metals, Inc.
Lake St.
Kent, Ohio
Phone: OR 3-3451
(Contact manufacturer direct)

LAMSON & SESSIONS CO., THE

5000 Tiedeman Rd.
Cleveland 9, Ohio
Phone: CL 2-3700
Ala. 72—Ill. 441—Mich. 476—
Ohio 721

LANDAU, HERBERT H.

2622-26 Nottingham Way
Trenton 9, N. J.
Phone: JU 7-5056
(Contact manufacturer direct)

LANDIS MACHINE CO.

5th & Church St.
Waynesboro, Pa.
Phone: Way. 222
Ala. 92—Cal. 25, 642—Colo. 63—
Fla. 68—Ga. 61—Ill. 1047—La. 199
—Mass. 268—Mich. 477—Minn.
337—Mo. 97, 361—N. J. 540—Ohio
722—Ore. 82—Pa. 81—Tenn. 38—
Tex. 801—Utah 82—Va. 62—
Wash. 132—Canada 510

LANDIS TOOL CO.

Waynesboro, Pa.
(Cylindrical Grinders)
Ala. 92—Cal. 545, 1191—Colo. 4—
Conn. 188—Fla. 178, 401—Ga. 19
—Ill. 1048—Ind. 284—Kan. 123—
La. 32, 181, 217—Mass. 155—
Mich. 478, 1246—Minn. 172—Miss.
36—Mo. 119, 448—Neb. 37—N. J.
77—N. Y. 346, 1371, 1417, 1562—
N. C. 180—Ohio 109, 723, 1617—
Okla. 44, 174—Ore. 44—Pa. 946,
1215—Tenn. 75, 228—Tex. 208,
601—Utah 88—Va. 120—Canada
244, 434, 477, 606, 611

(Surface Grinders)

Ala. 87—Cal. 971—Conn. 256, 467
—Fla. 178, 401—Ga. 64—Ill. 304—
Ind. 290—La. 100—Mass. 421—
Mich. 614—Minn. 104—Mo. 448—
N. J. 71—N. Y. 257, 1549—Ohio
621, 1544—Okla. 24, 99—Ore. 96—
Pa. 208, 490, 1049—Tenn. 93—
Tex. 524—Utah 88—Wash. 132,
327—Canada 25, 78, 115, 400, 469,
583

LAPEER MFG. CO.

3055 Davison Rd.
Lapeer, Mich.
Phone: MO 4-2964
(See advertisement p. 298)
Ala. 45—Cal. 677, 891—Conn.
277, 343—Ga. 266—Ill. 495, 511,
706, 809, 1007, 1093—Ind. 31, 372—
Iowa 25, 27, 49, 113—Kan. 96—
Ky. 114—Md. 208—Mass. 421—
Mich. 479—Minn. 176—Mo. 57,
138, 179, 494—Neb. 12—N. J. 105
—N. Y. 290, 449, 772, 1322, 1531,
1574—Ohio 384, 843, 1085, 1272—
Pa. 585—Tenn. 262—Tex. 385, 772
—Utah 72—Wash. 201—Wis. 400

MANUFACTURERS

LaPOINTE MACHINE CO.

34 Tower St.
Hudson, Mass.
Phone: JO 2-3444

(See advertisement p. 513)

Conn. 90, 230—Ill. 410—Ind. 432—
Mass. 289, 340—Mich. 203, 936—
N. J. 347—N. Y. 1649—Ohio 282,
884

LaPOINTE MACHINE TOOL CO., THE

34 Tower St.
Hudson, Mass.
Phone: JO 2-3444

Cal. 453, 1410—Colo. 100—Conn.
90, 230—Fla. 393—Ill. 410, 869—
Ind. 482—La. 171—Mass. 289, 340
—Mich. 203, 936—Minn. 327—Mo.
191, 508—N. J. 347—N. Y. 1538,
1649—N. C. 135—Ohio 282, 884,
1597—Okla. 97—Ore. 96—Pa. 992
—Tenn. 213—Tex. 116, 520—Utah
50—Va. 63—Wash. 132—Wis. 398
—Canada 422, 472, 597

LASALLE STEEL CO.

P. O. Box 6900-A
Chicago 80, Ill.
Phone: RE 4-7800
Cal. 1000—Mich. 480—N. Y. 931—
Wis. 268

LASSY TOOL CO.

96 Bohemia St.
Plainville, Conn.
Phone: SH 7-2748
Ariz. 58—Cal. 616, 1241—Ill. 206,
1033—Md. 51—Pa. 182—Tex. 243
—Wash. 259

LAST WORD SALES CO.

Div. of Gray-Grimes Tool Co.

18520 Mt. Elliott
Detroit 34, Mich.
Phone: FO 6-0030
Cal. 369, 687, 1079—Colo. 80—
Conn. 4—D. C. 82—Ill. 1033—Ind.
519—Kan. 100—Mass. 332—Minn.
327—Neb. 37—N. Y. 257, 544, 649
—Ohio 1194—Tex. 454, 559—Wis.
119—Canada 193

LATROBE STEEL CO.

Latrobe, Pa.
Phone: KE 7-7711

(See advertisement p. 131)

Cal. 587A—Colo. 30—Conn. 189—
Fla. 55—Ill. 971—Mass. 116—
Mich. 1387—N. J. 216—N. Y. 267
—Ohio 1217, 1366, 1598—Pa. 601,
950—Tex. 169, 574—Wis. 269

LAVALLÉE & IDE, INC.

Grape St.
Chicopee, Mass.
Phone: LY 4-6601
Cal. 585—Colo. 201—Ga. 263—Ill.
435—Kan. 28—Mass. 295, 499—
Mich. 126—N. Y. 719—Ohio 76,
1235—Tex. 542—Canada 601

LAWLEY GRANITE SURFACE PLATE CO., INC.

P. O. Box 37
Wyoming, Pa.
Phone: Wilkes-Barre, Pa.,
BU 7-1562

Ala. 85—Cal. 431, 1531—Conn. 4,
145, 467—Fla. 252—Ga. 221—Ill.
96, 400, 613, 864—Ind. 299, 445—
Iowa 55—Md. 32—Mass. 359—
Mich. 59, 837, 1046—Minn. 228—
Neb. 37—N. J. 90, 104, 255—N. Y.
530, 572, 1236—Ohio 348, 853, 1571
—Pa. 103, 160, 163, 333, 478, 496,
568, 598, 617, 735, 934, 1185, 1243
—Wash. 245—Canada 371, 437

LE ROI DIV.

Westinghouse Air Brake Co.
Milwaukee 1, Wis.
Phone: GR 6-2600

Cal. 919—Colo. 115—Ga. 155—
N. Y. 936—Ohio 731—Okla. 122—
Canada-Ontario 164

LEA-MICHIGAN, INC.

14459 Wildemere Ave.
Detroit 38, Mich.
Phone: TO 8-1490
Cal. 398—Conn. 423—Ill. 99, 708—
Mass. 197—Mich. 529, 554, 638,
753, 959, 1054—Minn. 140—Mo.
462—N. J. 241, 398—N. Y. 221,
539, 731, 857, 1596—Ohio 186, 629,
827, 851, 1139, 1168, 1269, 1607—
Pa. 685, 623—Tex. 181—Wis. 182
—Canada 267

LeBLOND MACHINE TOOL CO., THE R. K.

Madison & Edwards Rds.
Cincinnati 8, Ohio
Phone: JE 1-0910
Ala. 94, 190—Cal. 545, 1109, 1191
—Colo. 63—Conn. 408—D. C. 24
—Fla. 84, 254—Ga. 55—Ill. 1048A
—Ind. 404—Iowa 110—Kan. 87—
La. 98, 207—Mass. 8—Mich. 482,
801, 1034—Minn. 231—Miss. 40—
Mo. 97, 476—N. J. 530—N. Y. 301,
1311, 1521—N. C. 52—Ohio 410,
1530—Okla. 29, 129—Ore. 82—Pa.
314, 790—Tenn. 37, 248—Tex. 208,
601—Utah 46—Wash. 64—Wis. 24
—Canada 79, 133, 176, 244, 288,
434, 455, 477, 496, 606, 611

LeCONEY TOOL WORKS, INC.

38 Cody St.
West Hartford 10, Conn.
Phone: CH 7-2644
Cal. 431, 894—Colo. 89—Conn.
450—Ga. 157—Ill. 718—Mass. 668
—Mich. 887—Mo. 45—N. J. 204—
N. Y. 1557—N. C. 158—Ohio 111,
358, 982, 1515—Ore. 200—Pa. 522
—Tenn. 200—Tex. 297—Wis. 282
—Canada 601

LECTROKEM SALES CORP.

2612 Braddock St.
Philadelphia 25, Pa.
Phone: GA 5-3963
Ala. 196—Cal. 545, 1191—Colo.
100—Conn. 314—La. 32, 181, 217
—Mass. 84—Mich. 516—Miss. 36
—N. Y. 173, 1106—Ohio 982—Ore.
179—Pa. 739, 1049—Tex. 208, 601
—Wash. 259, 347—Canada 287

LEDEEN, INC.

3350 N. Gilman
El Monte, Calif.
Phone: CU 3-3163
Ala. 58—Ariz. 85—Cal. 34, 166,
1345—Colo. 143—D. C. 78—Ga. 8
—Hawaii 16—Ill. 551—Ind. 162—
Mass. 617—Mich. 315—Mo. 40—
Neb. 70—Nev. 10—N. Y. 1108,
1359—N. C. 10—Ohio 253, 934—
Ore. 9, 26, 36—Pa. 397, 789—S. C.
17—Tenn. 5, 62—Tex. 166, 400,
570—Utah 66—Wash. 257, 322—
W. Va. 17—Canada 9, 40, 377

LEE CO., K. O.

Congress & 1st Ave.
Aberdeen, S. D.
Phone: BA 5-5820
Ala. 158—Ariz. 58, 178—Cal. 218,
503, 545, 616, 723, 807, 994, 1040,
1105, 1191, 1252—Conn. 42, 178,
280—Fla. 272—Ga. 19, 188—Ill. 20,
96, 114, 168, 206, 207, 930, 1002,
1093, 1157, 1263—Ind. 21, 89, 280,
575—Iowa 10, 103, 110, 171—Kan.
2, 35, 84, 95, 111—Ky. 85—La.
217—Md. 15—Mass. 358, 533—
Mich. 351, 614, 936, 963, 1093,
1122, 1162—Minn. 119, 231—Mo.
23, 29, 57, 95, 429, 476, 488—Neb.
37—N. J. 408—N. Y. 124, 290, 330,
442, 547, 550, 611, 644, 645, 654,
680, 1042, 1199, 1213, 1245, 1362,
1562, 1574—N. C. 19—Ohio 190,
287, 363, 621, 977, 1055, 1205, 1590
—Okla. 24, 108, 129—Ore. 157—
Pa. 13, 166, 182, 208, 641, 691,
778, 839, 903, 1167, 1324—Tenn.
38, 93, 217—Tex. 5, 244, 251, 280,
472, 616, 684, 700, 754, 762, 766—
Utah 48—Va. 120—Wash. 44, 259,

347—W. Va. 18—Wis. 38, 50, 66,
77, 144, 239

LEE CO., THE

523 Boston Post Rd.
Old Saybrook, Conn.
Phone: EV 8-3564
Cal. 151—Mich. 133—N. Y. 503

LEE ENGINEERING CO.

269 Armistice Blvd.
Pawtucket, R. I.
Phone: PA 5-6100
(Contact manufacturer direct)

LEEBAW MFG. CO.

65 Wayne Ave.
Youngstown 2, Ohio
Phone: RI 6-2087
(Contact manufacturer direct)

LEEDS & NORTHRUP CO.

4970 Stenton Ave.
Philadelphia 44, Pa.
Phone: DA 9-4900
Cal. 588, 1281—Colo. 114—Conn.
191—D. C. 49—Ga. 156—Ill. 447—
Ind. 285—Iowa 65, 120—La. 21—
Md. 84—Mass. 117—Mich. 484,
973—Mo. 152, 464—N. J. 115—
N. Y. 20, 94, 268, 932—N. C. 252—
Ohio 294, 727, 1060—Okla. 121—
Ore. 120—Pa. 240, 602, 952—Tex.
642—Utah 54—Va. 102—Wash.
171—Wis. 272—Canada 361

LEES-BRADNER CO., THE

12120 Elmwood Ave.
Cleveland 11, Ohio
Phone: OR 1-2200
See advertisement p. 611
Ala. 87—Cal. 272, 1278—Colo. 48
Conn. 454—D. C. 76, 91—Fla. 186,
272—Ill. 1066, 1149—Ind. 62, 201,
475—La. 100, 210—Mass. 121—
Mich. 1025, 1256—Minn. 94—Mo.
429—N. Y. 554, 655, 1239, 1554—
Ohio 387, 728, 1088, 1275, 1596—
Okla. 108—Ore. 179—Pa. 1049,
1219—Tenn. 70—Tex. 216, 616—
Utah 88—Wash. 259, 347—Canada
98, 433

LEHMANN-BRANDES MACHINE CO.

3560 Chouteau Ave.
St. Louis 3, Mo.
Phone: FR 1-4066
Ala. 129—Cal. 59, 93, 764, 1308—
Colo. 131—Conn. 464, 503—Fla.
21, 294—Ga. 221—Ind. 44, 140,
235—Kan. 73, 111—Ky. 85—La.
100, 158, 210—Md. 82—Mass. 45,
261, 644—Mich. 485—Minn. 122—
Neb. 44—N. J. 104, 449, 547—
N. Y. 173, 691, 1110—N. C. 19—
Ohio 648, 825—Okla. 24—Pa.
565, 973, 1083—S. C. 26, 63—
Tenn. 32, 213—Tex. 116, 520—
Utah 62—Va. 106, 120—Wis. 218

LEHMANN-FULTON BORING TOOL CO.

Div. of Fulton Iron Works Co.
4235 Duncan Ave.
St. Louis 10, Mo.
Phone: JE 5-2166
Ariz. 33—Cal. 763, 894, 1088—
Conn. 411—Ill. 631, 1154, 1226—
Ind. 138—Md. 196—Mass. 17—
Mich. 485, 576—Minn. 100—N. Y.
257—Ohio 216, 309, 644, 1166, 1531
—Okla. 129—Pa. 394, 973—Tenn.
56, 213—Tex. 150, 766—Wash. 244
—Wis. 423, 478—Canada 434, 606

LEIMAN BROTHERS, INC.

146-181 Christie St.
Newark 5, N. J.
Phone: MA 3-7520
Cal. 727, 1353—Conn. 300—Fla.
321—Ill. 693—Ind. 269—Kan. 74—
Md. 27—Mich. 436—Minn. 59—
Mo. 51, 396—N. Y. 1319—N. C.
247—Ohio 379, 640, 1485—Pa. 397,
966—Tex. 722

LELAND OHIO ELECTRIC CO., THE

Subsidiary of Howell Electric
Motors Co.
P. O. Box 1060
Dayton 1, Ohio
Phone: BA 4-0701

Cal. 440, 1070—Colo. 108—Conn.
383—D. C. 33—Fla. 269—Ga. 45—
Ill. 451—Ind. 65, 159—Iowa 58—
La. 78, 191—Mich. 307, 427, 964,
1069—Minn. 135—Mo. 49—N. Y.
233, 933, 1506—Ohio 119, 263,
1585—Okla. 20, 87—Ore. 81—Pa.
338, 770—Tenn. 97, 115—Tex.
12, 121, 395—Utah 37—Wis. 185

LELAND-GIFFORD CO.

1001 Southbridge, P. O. Box 989
Worcester 1, Mass.
Phone: PL 2-5635

(See advertisement p. 29)
Ala. 196—Cal. 590—Colo. 100—
D. C. 82—Ga. 55—Ill. 450—Ind.
287—Kan. 87—La. 181, 217—Mass.
588—Mich. 486—Mo. 97—Neb. 50
—N. J. 528—N. Y. 1308—N. C.
180—Ohio 730—Ore. 82—Tenn.
185—Tex. 216, 685—Utah 50—Va.
129

LEMAIRE MACHINE TOOL CO.

2657 S. Telegraph Rd.
Dearborn, Mich.
Phone: LO 1-1070
Ill. 1056—Ind. 485—Mich. 1256—
N. Y. 151—Ohio 171, 765, 1597—
Canada 462

LEMERT ENGINEERING CO., INC.

1313 Western Ave.
Plymouth, Ind.
Phone: WE 6-3430
(Contact manufacturer direct)

LEMMON & SNOAP CO.

2618 Thornwood St. SW.
Grand Rapids 9, Mich.
Phone: LE 2-3696
Ill. 665—Ind. 31—Mich. 86, 524,
1020—N. H. 5—N. C. 177—Ohio
1651—Pa. 1131—Wis. 22

LEMPOC INDUSTRIAL, INC.

5490 Dunham Rd.
Bedford, Ohio
Phone: MO 2-2400
(Contact manufacturer direct)

LENNOX TOOL & MACHINE BUILDERS

651 N. Baxter St.
Lima, Ohio
Phone: CA 6-5015
Ala. 92, 129—Ariz. 93—Ark. 23—
Cal. 723, 882—Colo. 100—D. C.
73—Fla. 344—Ga. 61—Ill. 114—
Ind. 263—Kan. 123—La. 32, 181—
Mass. 614—Mich. 143, 919, 988—
Minn. 231, 243—Mo. 96, 494—
N. Y. 680, 1538, 1578—N. C. 135—
Ohio 63, 1099, 1304—Okla. 44,
174—Ore. 44—Pa. 469, 565, 1049—
Tex. 116, 428, 520—Utah 88—
Wash. 218—Wis. 323—Canada 351,
422, 433

LESLIE CO.

516 Delafield Ave.
Lyndhurst, N. J.
Phone: GE 8-8000
Ala. 48, 174, 191—Cal. 946, 1216,
1594—Colo. 113—Conn. 115—
D. C. 44—Fla. 400—Ga. 220—Ill.
401, 452—Ind. 162—Iowa 179—Ky.
8—La. 91, 197—Md. 137—Mass.
175, 390—Mich. 71, 1017—Minn.
212—Mo. 182, 611—Neb. 6—
N. J. 519—N. Y. 36, 357, 838, 1363,
1481—N. C. 71—Ohio 161, 1518,
1702—Okla. 46—Pa. 537, 932—

MANUFACTURERS

LESLIE CO. (cont.)

R. I. 59—Tenn. 62, 186—Tex. 15, 107, 595—Va. 96—Wash. 18
Wis. 369—Canada 10, 72, 112, 412, 559

LETOURNEAU, INC., R. G.

4270 S. MacArthur
Longview, Tex.
Phone: PL 3-4411
Ala. 118—Cal. 646—Ill. 365—Md. 200—Mo. 363—N. J. 446—Ohio 941—Ore. 96—Pa. 148, 193—Wash. 132, 327

LEVIN & SON, INC., LOUIS

3610 S. Broadway
Los Angeles 7, Calif.
Phone: AD 3-7169
Cal. 532, 616, 807, 1105, 1191, 1407—Conn. 25—D. C. 85—Ill. 206—Mass. 59, 104—Mich. 531—Minn. 203—N. J. 351—N. Y. 272, 682, 1199—Ohio 407—Pa. 1096—Tex. 472, 766

LEWIS MACHINE CO., THE Div. of Curtis Mfg. Co.

3441 E. 76th St.
Cleveland 27, Ohio
Phone: MI 1-3015
Cal. 545—Conn. 432—Ky. 85—Ohio 908—Pa. 635—Canada 330

LEWIS WELDING & ENGINEERING CORP., THE

100 Northfield Rd.
Bedford, Ohio
Phone: BE 2-2500
Cal. 317—Ill. 516—La. 101—Mich. 273—N. J. 481—Ohio 882—Pa. 1119—Tex. 530—Wis. 470—Canada 316

LEWTHWAITE MACHINE CO., INC., T. H.

311 E. 47th St.
New York 17, N. Y.
Phone: PL 8-0380
(Contact manufacturer direct)

LIBERTY TOOL & DIE CORP.

189 N. Water St.
Rochester 4, N. Y.
Phone: HA 6-8998
N. Y. 1309

LIFT TRUCKS, INC.

2425 Spring Grove Ave.
Cincinnati 14, Ohio
Phone: MA 1-4054
Ala. 154—Cal. 619—Fla. 177—Ga. 222—Hawaii 5—Ill. 111—Ind. 309, 550—Iowa 168—Md. 152—Mass. 357—Mich. 267, 906—Minn. 125—Mo. 260, 270—N. J. 116—N. Y. 377—Ohio 405, 497, 1563—Ore. 117—Pa. 49, 1030—Tex. 551—Va. 142—Wash. 66—W. Va. 39—Wis. 54—Canada 288

LILLY & CO., ELI Agriculture & Industrial Products Div.

740 S. Alabama St.
Indianapolis 6, Ind.
Phone: ME 6-2211
Conn. 168, 458—Ill. 186—Ind. 71, 262—Ky. 64—Mich. 299, 767, 956, 1037—Minn. 231—Mo. 177, 491—N. Y. 175, 278—Ohio 143, 396, 760, 808, 1652—Pa. 1034—Tex. 347, 745—Wis. 435

LINCOLN ELECTRIC CO., THE

22801 St. Clair Ave.
Cleveland 17, Ohio
Phone: IV 1-8100
Ala. 74—Alaska 1—Ariz. 64—Cal. 158, 167, 593, 1126—Colo. 116, 222—Conn. 333—D. C. 51—Fla. 187, 254—Ga. 5, 159, 295—Idaho 8—Ill. 48, 996, 1105—Ind.

288—La. 187—Me. 1—Md. 86—Mass. 392—Mich. 487, 975, 1075, 1255—Minn. 22, 164—Mo. 156, 468—Mont. 9—Neb. 2, 37—Nev. 11—N. J. 588—N. Y. 21, 1520, 1582—N. C. 83—N. D. 14—Ohio 295, 735, 736, 1061, 1599—Okla. 123—Ore. 14, 121—Pa. 244, 954, 1192—S. C. 8, 21—S. D. 14—Tenn. 172—Tex. 425, 512—Utah 48—Va. 151—Wash. 174, 197, 323—W. Va. 44, 61—Wis. 274

LINCOLN GAGE CO.

23900 Harper
St. Clair Shores, Mich.
Phone: FR 2-3900
(Contact manufacturer direct)

LINCOLN INDUSTRIES CO.

1123 S. 7th St.
Minneapolis 4, Minn.
Phone: FE 3-7267
(Contact manufacturer direct)

LINDBERG ENGINEERING CO.

2450 W. Hubbard St.
Chicago 12, Ill.
Phone: MO 6-3443
Cal. 132—Colo. 27—Ga. 159—Ill. 455—Ind. 289—Kan. 116—Mass. 267—Mich. 1126, 1297—Mo. 227, 569—N. J. 161—N. Y. 937, 1310—N. C. 67—Ohio 737—Okla. 165—Pa. 412, 955—Tex. 240—Wash. 297—Wis. 275—Canada 293

LINDE CO.

Div. of Union Carbide Corp.
30 E. 42nd St.
New York 17, N. Y.
Phone: MU 7-8000
Ala. 75—Cal. 595, 1285—Colo. 117—D. C. 52—Ga. 160—Ill. 456—La. 131—Md. 87—Mass. 410—Mich. 488—Minn. 165—Mo. 157—N. J. 307, 589—N. Y. 270—Ohio 296, 738—Okla. 124—Ore. 122—Pa. 956—Tex. 241, 644—Utah 55—Wash. 175—W. Va. 30—Wis. 276

LINDGREN & SONS MACHINE, INC.

W. Main St.
Ashby, Mass.
Phone: DU 6-2242
(Contact manufacturer direct)

LINK-BELT CO.

Prudential Plaza - Dept. TE-60
Chicago 1, Ill.
Phone: RA 6-7790
(Contact manufacturer direct)

LINK DIV.

General Precision, Inc.
Binghamton, N. Y.
Phone: RA 3-9311
Cal. 256—D. C. 53—Mass. 364—N. Y. 779—Ohio 1221—Tex. 455—Utah 56

LINK ENGINEERING CO.

13840 Elmira
Detroit 27, Mich.
Phone: WE 3-4900
Cal. 315—Colo. 89—Conn. 127—Ill. 442—N. J. 146—N. Y. 1291—Ohio 999, 1253

LINLEY BROTHERS CO.

686 State St. Extension
Bridgeport 1, Conn.
Phone: ED 4-1887
Ariz. 30, 52, 122—Cal. 453, 532, 545, 615, 723, 764, 1106, 1517—Conn. 128, 467—D. C. 16—Fla. 21, 33, 143, 171, 184, 186, 272, 221, 231—Ill. 902, 1033—Ind. 217, 245, 280, 298, 389—Md. 27—Mass. 3, 50, 121, 199, 225, 238, 262, 421, 540, 644, 686—Mich. 394, 516, 979—Minn. 94, 176, 203, 327—Mo. 95, 454, 487—Neb. 37—N. J. 219, 247, 255, 267, 363, 367, 408—N. Y. 459, 465, 611, 636, 654, 662, 768, 862,

973, 1237, 1644—N. C. 6, 132—Ohio 287, 327, 621, 631, 719, 786, 856, 1055, 1184, 1373—Okla. 24, 108, 126—Ore. 157—Pa. 521, 691, 739, 991, 1208, 1272—R. I. 69—Tex. 216, 243, 249, 251, 280, 326, 559, 754, 766—Va. 146, 155—Wash. 92, 132, 259—Wis. 398—Canada 90, 187, 243, 400, 433, 434, 477, 605, 606

LIPE-ROLLWAY CORP.

806 Emerson Ave.
Syracuse 1, N. Y.
Phone: HU 8-5411
Cal. 532, 682, 1330—Conn. 477—D. C. 91—Ill. 658—Ind. 195—Mich. 394—Minn. 172—Mo. 97, 361—N. J. 408—N. Y. 1540—Ohio 301, 648, 1183—Okla. 129—Pa. 337, 980—R. I. 58—Tex. 116, 766—Utah 79—Wash. 218—Wis. 398—Canada 422

LITTELL MACHINE CO., F. J.

4101 N. Ravenswood Ave.
Chicago 13, Ill.
Phone: EA 7-5000
Cal. 624, 1517—Colo. 142—Conn. 465—Ga. 19—Ind. 17, 338—Mass. 399—Mich. 1034—Minn. 330—Mo. 508—N. J. 149—N. Y. 301, 1562—Ohio 387, 1088, 1275, 1544—Okla. 142—Pa. 641, 1005, 1210—Wis. 201—Canada 124, 176, 400

LITTLEFORD BROTHERS, INC.

453 E. Pearl St.
Cincinnati 2, Ohio
Phone: MA 1-7411
(Contact manufacturer direct)

LIVEROIS ENGINEERING CO.

25200 Trowbridge
Dearborn, Mich.
Phone: CR 8-0200
(See advertisement p. 68)

Cal. 1017—Ill. 467—Ind. 338—Mich. 121—Wis. 280

LLOYD TOOL CORP.

3330 E. Colorado
Pasadena, Calif.
Phone: MU 1-4776
(Contact manufacturer direct)

LODDING, INC.

16921 W. 8 Mile Rd.
Detroit, Mich.
Phone: VE 5-4400
Cal. 216—Conn. 256, 467—Fla. 384—Ga. 233—Ill. 889—Ind. 224—Kan. 92—Mass. 421, 676—Mo. 302—N. J. 219—N. Y. 124, 355, 610, 1377, 1574—N. C. 239—Ohio 265, 739, 1186—Pa. 234—Tenn. 105—Wis. 414—Canada 380

LODGE & SHIPLEY CO., THE

3055 Colerain Ave.
Cincinnati 25, Ohio
(Contact manufacturer direct)

LOEFFEL CO., INC., THE

ARTHUR
P. O. Box 14
Merrick, N. Y.
Phone: FR 9-8600
Cal. 76—Conn. 425—Minn. 254—Pa. 729—Wis. 447

LOEWY-HYDROPRESS

Baldwin-Lima-Hamilton Corp.
Industrial Equipment Div.
Philadelphia 43, Pa.
Phone: SA 6-9300
(Contact manufacturer direct)

LOGAN CO.

556 Cabel St.
Louisville 6, Ky.
Ala. 76—Colo. 149—Fla. 132—Ga. 161—Ill. 49—Ind. 290—La. 133—Md. 24—Mass. 667—Mich. 491—Mo. 158, 469—N. J. 382—N. Y. 271—Ohio 740, 1222—Okla. 166—

Pa. 958, 1216—S. C. 52—Tex. 735, 842—Va. 142—Wis. 374

LOGAN ENGINEERING CO.

4901 W. Lawrence Ave.
Chicago 30, Ill.
Phone: PE 6-7500
(See advertisement p. 482)
(Contact manufacturer direct)

LOGANSPOUT MACHINE CO., INC.

47 Payson Rd.
Logansport, Ind.
Phone: 3104
Ala. 114—Ariz. 93—Cal. 721, 1474—Colo. 70—Conn. 476—Fla. 320—Ga. 193—Hawaii 26—Ill. 278—Ind. 62, 201, 475—Ky. 52—La. 106, 201—Md. 79—Mass. 143, 341, 677—Mich. 492, 857, 1078—Minn. 175—Mo. 45, 603—N. Y. 321, 1036, 1047, 1549—N. C. 247—Ohio 216, 892, 1166, 1578—Pa. 752, 1122—Tenn. 115, 273—Tex. 385, 772—Wash. 262—Wis. 196, Canada 25, 78, 168, 400, 469, 583

LOMA MACHINE MFG. CO., INC.

114 E. 32nd St.
New York 16, N. Y.
Phone: MU Hill 5-6410
Cal. 1376—Pa. 608, 692

LONG-LOK CORP.

2601 Colorado Ave.
Santa Monica, Calif.
Phone: UP 0-8335
Cal. 1335, 1484—Conn. 341, Ill. 124—Minn. 216—N. Y. 1571—Canada 506

LORD CHEMICAL CORP.

Subsidiary Wheelabrator Corp.
1460 S. Queen St.
York, Pa.
Phone: 8-1788
(Contact manufacturer direct)

LORD MFG. CO.

1635 W. 12th St.
Erie, Pa.
Phone: GL 6-8511
Cal. 598, 1287—D. C. 54—Fla. 403—Ga. 162—Ill. 462—Mass. 120—Mich. 494—Mo. 159—N. Y. 940—Ohio 1223—Pa. 606—Tex. 245

LOVE BROTHERS-PYOTT

140 Stone Ave.
Aurora, Ill.
Phone: TW 7-9645
Ind. 436—Mich. 1042—N. J. 88—N. Y. 308—Ohio 279, 1439—Pa. 1017

LOVEJOY TOOL CO., INC.

133 Main St.
Springfield, Vt.
Phone: TU 5-2195
Ala. 6—Ariz. 37—Cal. 1241, 1578—Colo. 80—Conn. 444—Fla. 110—Ga. 221—Ill. 634, 866—Ind. 236—Kan. 87—La. 181—Mass. 648—Mich. 120, 896, 936—Minn. 254—Mo. 45, 97, 603—N. J. 204—N. Y. 151, 406—N. C. 113—Ohio 413, 1291, 1444, 1523, 1667, 1721—Okla. 136—Ore. 138—Pa. 166, 822, 1227—Tenn. 50—Tex. 297, 762—Utah 88—Vt. 19—Wash. 93—Wis. 416—Canada 405

LOWELL INDUSTRIES, INC.

20 Linden St.
Allston Boston 34, Mass.
Phone: ST 2-2800
(Contact manufacturer direct)

LOWELL WRENCH CO.

97 Temple St.
Worcester 4, Mass.
Phone: PL 6-5103
Ala. 89—Cal. 90, 159, 560—Colo.

MANUFACTURERS

195—Conn. 244—Ga. 46—Ill. 495
—Ind. 425—Ky. 98—La. 187—Md.
18—Mass. 61—Mich. 1391—Mo.
559—N. Y. 153, 520, 803, 845, 879,
1086—Ohio 287, 822—Pa. 484, 894
—Tex. 100—Wash. 69, 228—Wis.
387—Canada 606

LUBIKOLD CO.

516 Bergen St.
Brooklyn 17, N. Y.
Phone: UL 7-1030

(Contact manufacturer direct)

LUCAS MACHINE DIV.

The New Britain Machine Co.
12302 Kirby Ave.
Cleveland 8, Ohio
Phone: GL 1-5588
Conn. 267—Fla. 305—Mich. 386—
Ohio 928, 998

LUFKIN RULE CO.

1730 Hess St.
Saginaw, Mich.
Phone: PL 2-2141

(See advertisement p. 14)

Ala. 157—Cal. 100, 963, 1030, 1490,
1528—Colo. 233—Fla. 327—Ga.
103—Ill. 10, 148, 649, 900, 1279—
Ind. 532—Kan. 47—Md. 160—
Mass. 251, 314—Mich. 237, 522,
1310—Mo. 478—N. J. 280, 448,
526—N. Y. 470, 625, 637—N. C.
123—Ohio 46, 48, 1003, 1683—
Pa. 326, 847—Tex. 230, 709—Wash.
30—Wis. 479

LUKENS STEEL CO.

305 Lukens Bldg.
Coatesville, Pa.
Phone: AT 4-5510

(Contact manufacturer direct)

LUND MFG. CO.

366 Elm St.
Biddeford, Me.
Phone: AT 4-5510
Conn. 113—Mass. 554

LUNDHOLM MFG. CO.

1121 Charles St.
Rockford, Ill.
Phone: WO 2-6421
Colo. 207—Ill. 1066, 1188—Mass.
466—Mich. 516—N. Y. 1577—Wis.
165

LYNAIR, INC.

3100 E. Michigan Ave.
Jackson, Mich.
Phone: ST 4-6144
Cal. 63, 241—Colo. 8—Conn. 104
—Ill. 867—Mich. 213, 1159—Minn.
137—Mo. 466—Neb. 26—N. C.
210—Ohio 308, 361—Pa. 436—
Tex. 668—Wash. 257

LYON METAL PRODUCTS, INC.

96 Montgomery Ave.
Aurora, Ill.
Phone: TW 7-8421
Ill. 16

— M —

M-B PRODUCTS, INC.

46 Victor Ave.
Detroit 3, Mich.
Phone: TO 9-4600
Ariz. 7—Cal. 241, 340, 805, 1123,
1375, 1597—Conn. 43, 196, 220—
Fla. 184—Ill. 382—Kan. 113—Md.
165—Mass. 13, 210, 490—Minn.
39, 109—Mo. 181, 398—N. J. 91,
281, 468—N. Y. 265, 1281—Ohio
828, 1456—Okla. 138—Ore. 107—
Pa. 2, 496, 964—Tex. 750—Wash.
253—Wis. 205—Canada 138, 155,
357, 491, 593

M.B.I. EXPORT & IMPORT, LTD.

475 Grand Concourse
New York 51, N. Y.
Phone: MO 5-0900
Cal. 76, 1308—Conn. 165—D. C.
38—Ga. 61—Ill. 541, 1265—Ind.
326—Ky. 3—Md. 97—Mich. 1301
—Neb. 50—N. M. 15—N. Y. 222,
1502—Ohio 704—Pa. 13, 980—Tex.
524—Utah 26—Wis. 447

M-F EQUIPMENT CO.

410 Frelinghuysen Ave.
Newark 12, N. J.
Phone: BL 2-6211
Cal. 206, 331, 755—Conn. 398—
Ill. 508, 1153—Ind. 280, 553—
Mass. 250, 585—Mich. 17, 35, 45,
963, 1056, 1102, 1162, 1222, 1262—
Minn. 203, 267—Mo. 57—N. J.
262, 384—N. Y. 532, 1119, 1562—
N. C. 233—Ohio 87, 313, 906, 1269,
1649—Ore. 100—Pa. 519, 729
1306—R. I. 44—Tenn. 170—Va. 19
—Wis. 27, 182

M & M TOOL & MFG. CO.

1124 E. 3rd St.
Dayton 10, Ohio
Phone: BA 8-1126
Cal. 616—Conn. 376—Ill. 408, 505
—Ind. 299—Mass. 456—Mich. 542,
614, 1167—Minn. 213—Mo. 57,
546—N. Y. 245, 1440—Ohio 1151,
1153, 1373—Pa. 733, 980—Tex.
316—Va. 73—Wash. 177—Wis.
173—Canada 401

M & N MODERN HYDRAULIC PRESS CO., INC.

780 State Hwy. #3
Clifton, N. J.
Phone: PR 7-0504

(Contact manufacturer direct)

M. P. A. CO.

Box 240
Dayton, Ore.
Phone: 6X13
Ark. 37, 58—Cal. 892, 1477—Ill.
347, 495—N. Y. 136, 755

MAC-IT PARTS CO.

275 E. Liberty St.
Lancaster, Pa.
Phone: EX 7-3535
Ala. 81—Cal. 1002—Ill. 471—
Mich. 1372—N. H. 8—N. Y. 45—
Ohio 743, 122—Ore. 125—Pa.
1193

MACHINE PRODUCTS CORP.

6771 E. McNichols Rd.
Detroit 12, Mich.
Phone: TW 1-4151
Cal. 616, 730, 1080, 1473—Colo. 70
—Conn. 224—Fla. 358—Ga. 221—
Ill. 1076—Ind. 408—Mass. 236—
Minn. 198—Mo. 128—N. J. 104—
N. Y. 1557—N. C. 19—Ohio 171—
Pa. 468—Tenn. 262—Tex. 472—
Utah 72—Wis. 432

MACHINE SPECIALTIES CO.

Copper Craft Div.
E. Hwy. 40 - P. O. Box 888
Topeka, Kan.
Phone: CE 2-7064
Ala. 78—Colo. 165, 169—Fla. 268
—Ga. 25, 53—Ill. 19, 571, 916, 943,
1036, 1057, 1213, 1306—Ind. 111—
Kan. 12, 62, 93—La. 216—Mich.
1203, 1217—Minn. 147, 241, 251,
291—Miss. 24—Mo. 111, 247, 283,
618—Neb. 52—Ohio 1602—Okla.
14, 178—Tenn. 194, 224—Tex. 136,
413, 453, 865—Wis. 76, 90, 194,
310, 341

MACHINE & TOOL ACCESSORIES CO.

7413 Lanier Dr.
Cleveland 30, Ohio
Ariz. 89—Cal. 792, 1255—Conn.
400—Ill. 345, 361, 495, 585, 826—
Ind. 39, 425—La. 201—Mich. 1222,

1224, 1289—N. J. 135, 267—N. Y.
442, 544, 1111, 1274—N. C. 19—
Ohio 439, 581, 739, 921, 979, 1167,
1595—Okla. 129—Pa. 1037, 1187—
Tenn. 36—Tex. 252, 562, 766—
Wis. 10, 46

MACHINE TOOL DIV.

Kalamazoo Tank & Silo Co.
500 Harrison St.
Kalamazoo 16, Mich.
Phone: FI 5-2141
(See advertisement p. 72)
Cal. 911, 1583—Colo. 21—Ga. 102
—Kan. 59—Mass. 238—Mich. 1300
—N. Y. 657—Tex. 388—Wis. 37—
Canada 221

MACHLETT LABORATORIES INC.

1063 Hope St.
Springdale, Conn.
Phone: FI 8-7511
Cal. 519, 1254—Fla. 355—Ga. 123
—Ill. 969—Mass. 88—Mich. 384—
Minn. 120—Mo. 118, 414—N. Y.
589—Ohio 250, 639—Pa. 557,
896—Tex. 194, 590—Va. 93—
Wash. 126

MACKLIN CO.

2914 Wildwood Rd.
Jackson, Mich.
Phone: ST 4-6161
Ala. 88, 98—Cal. 127, 557, 763,
722, 1144, 1469—Colo. 106—Conn.
48—Fla. 100, 206—Ga. 277, 281—
Ill. 96, 637, 1193—Ind. 412—Ky.
73—La. 161—Md. 51—Mass. 208,
500—Mich. 20, 773, 914, 1103,
1121, 1150, 1222, 1329, 1374, 1396—
Mo. 587—N. J. 283, 392, 431, 616—
N. Y. 339, 946, 1593—Ohio 278,
980, 1084, 1426, 1516, 1566—Pa.
360, 493—R. I. 20A—Tenn. 47, 65,
85, 164, 249—Tex. 211, 512, 695—
Va. 130—Wash. 93, 338—W. Va.
33—Wis. 306

MADISON-FAESSLER TOOL CO.

560 Mineral Spring Ave.
Pawtucket, R. I.
Phone: PA 6-4000
Cal. 730, 1518—Fla. 393—Ill. 70,
472, 992, 1083—Ind. 571—Kan. 20
—Mich. 218, 1364—Minn. 256—
Mo. 374—N. J. 453—N. C. 113—
Ohio 840, 1215—Okla. 105—Ore.
95—Pa. 428, 1033—R. I. 81—
Tenn. 123—Tex. 424—Utah 26—
Wash. 253—Wis. 131—Canada
357, 562

MADISON INDUSTRIES, INC.

560 Mineral Spring Ave.
Pawtucket, R. I.
Phone: PA 6-4000
Cal. 730, 1518—Fla. 393—Ill. 70,
472, 992, 1083—Ind. 571—Kan. 20
—Mich. 218, 1364—Minn. 256—
Mo. 374—N. J. 453—N. C. 113—
Ohio 840, 1215—Okla. 105—Ore.
95—Pa. 428, 1033—R. I. 81—Tenn.
123—Tex. 424—Utah 26—Wash.
253—Wis. 131—Canada 357, 562

MADISON-KIPP CORP.

201 Waubesa St.
Madison 10, Wis.
(Contact manufacturer direct)

MADISON-RELCO TOOL CO.

560 Mineral Spring Ave.
Providence, R. I.
Phone: PA 6-4000
(Contact manufacturer direct)

MAGIC CITY MACHINE & TOOL CO.

817 E. Charles St.
Muncie, Ind.
Phone: AT 4-2307
Cal. 894—Ill. 621—Ind. 223—

Mass. 400—Mich. 551, 1167—N. J.
219, 534—N. Y. 458, 685, 1046—
Ohio 1235

MAGNA DRIVER CORP.

779 Washington St.
Buffalo 3, N. Y.
Phone: CL 5768
(Contact manufacturer direct)

MAGNAFLUX CORP.

7328 W. Lawrence Ave.
Chicago 31, Ill.
Phone: UN 7-8000
Cal. 608—Mich. 501—N. Y. 947—
Ohio 746—Pa. 965—Tex. 253

MAGNASYNC CORP.

5546 Satsuma Ave.
North Hollywood, Calif.
Phone: TR 7-5493
Cal. 148, 866

MAGNETIC HOLDING DEVICES

2034 E. 22nd St.
Cleveland 15, Ohio
Phone: TO 1-3165
(Contact manufacturer direct)

MAGNUS CHEMICAL CO., INC.

South Ave.
Garwood, N. J.
Phone: SU 9-0200
Ala. 16, 172—Cal. 11—Conn. 474
—Del. 12—Fla. 62, 271—Ga. 312—
Ill. 820—Ind. 371—Ky. 50—Me. 30
—Md. 206, 214—Mass. 29, 304,
306, 310, 355—Mich. 102, 306, 389
—Minn. 201—Mo. 107—N. H. 34
—N. J. 4, 98, 174, 521, 594—N. Y.
195, 480, 482, 553, 577, 638, 1151,
1227, 1410, 1608—N. C. 224—
Ohio 288, 1067, 1312, 1313, 1449—
Okla. 146—Pa. 86, 119, 381, 406
1091—R. I. 49—Tex. 163, 375, 643
—Va. 53—Wash. 56—W. Va. 32—
Wis. 8

MAHON CO., THE R. C.

6565 E. 8 Mile Rd.
Detroit 34, Mich.
Phone: JE 6-8200
Cal. 1292, 1553—Ill. 474—N. Y.
948

MAHR GAGE CO., INC.

274 Lafayette
New York 12, N. Y.
Phone: WO 6-3277
(Contact manufacturer direct)

MAIN & SONS, INC., ROBERT A.

465 W. Main St.
Wyckoff, N. J.
Phone: TW 1-2010
(Contact manufacturer direct)

MALCUS TOOLS CORP.

1270 Broadway
New York 1, N. Y.
Phone: PE 6-8917
Ala. 45—Colo. 99—Conn. 99—Fla.
135—Ill. 603, 1205—Ind. 569—Md.
25—Mass. 438, 675—Minn. 124—
Mo. 150, 310, 549—N. Y. 78, 196,
412, 646, 1641—N. C. 19—Ohio
124—Pa. 496, 871—Utah 26—
Wis. 459

MALLORY & CO., INC., P. R.

74 S. Gray St.
Indianapolis 6, IND.
Phone: ME 6-5353
Cal. 1041, 1293—Colo. 111—D. C.
57—Ga. 167—Ill. 475—Mass. 565—
Minn. 169—Miss. 42—Mo. 163,
474—N. Y. 1152—Ohio 302, 747—
Ore. 63—Pa. 611—Tex. 290—
Wash. 65

MALLORY INDUSTRIES, INC.

25 Hurlbut St.
West Hartford 10, Conn.
Phone: CH 7-2481
(Contact manufacturer direct)

MANUFACTURERS

MAMCO CORP.

532-542 4th St.
Racine, Wis.
Phone: ME 4-1923
Cal. 869—Conn. 221—Ill. 324—
Iowa 176—Mass. 379—Mo. 122,
285, 396—N. Y. 1122, 1348—Ohio
1189—Ore. 185—Pa. 716—Utah
103—Wis. 456

MANCO MFG. CO.

Bradley, Ill.
Phone: WE 3-8231
Ala. 115—Cal. 257, 1318—Colo.
133—D. C. 82—Ill. 957—Mass. 9—
Mich. 648—Mo. 479—N. J. 114—
N. Y. 674, 813, 1301—Ohio 892,
1140—Pa. 214, 329, 880—Wash.
209—Canada 204

MANEX MACHINERY CORP.

204 Central Park S.
New York 19, N. Y.
Phone: CI 6-5277
Cal. 644—Conn. 116—Mich. 1301
—N. J. 408—N. Y. 611—Ohio 63—
Wash. 92—Canada 431

MANHEIM MFG. & BELTING CO.

Manheim, Pa.
Phone: MO 5-2269
Cal. 797—Ill. 204—Md. 120—
Mass. 237—Mo. 519—N. Y. 725,
1562—Ohio 542—Pa. 714—Tenn.
170

MANNING, MAXWELL & MOORE, INC.

Shaw-Box Crane & Hoist Div.
Broadway at Park
Muskegon, Mich.
Phone: 31-311
Cal. 211, 1294—Colo. 121—Ga.
168—Ill. 27—Md. 94—Mass. 566—
Mich. 502—N. Y. 273, 949—Ohio
748—Pa. 612, 968—Tex. 654

MAPLEWOOD DIV.

Rockford Machine Tool Co.
2500 Kishwaukee
Rockford, Ill.
Phone: WO 3-7611
Ind. 295—Iowa 7—Mich. 696,
1034—Mo. 96, 429—N. Y. 707—
Ohio 904—Pa. 1083, 1272—
Canada 584

MARATHON ELECTRIC MFG. CORP.

Randolph & Cherry Sts.
P. O. Box 630
Wausau, Wis.
Phone: 2-2011
Cal. 612—Ill. 479—Ind. 296—
Iowa 67—Mass. 590—Mich. 504—
Minn. 93—Mo. 165—Neb. 49—
N. J. 383—N. Y. 275, 1427—Ohio
303, 751—Okla. 128—Pa. 205, 969,
1311—Tex. 255, 655—Wis. 286,
473

MARATHON SPECIALTY STEELS, INC.

375 Park Ave.
New York 22, N. Y.
Phone: MU 8-5290
(Contact manufacturer direct)

MARLETTE CORP., THE

37-31 30th St.
Long Island City 1, N. Y.
Phone: ST 4-8100
Cal. 213—Idaho 30—Kan. 92—
Mich. 727—N. Y. 201—Wash.
150

MARCHANT CO., GEO. F.

1420 S. Rockwell St.
Chicago 8, Ill.
Phone: LA 1-3912
(Contact manufacturer direct)

MARCOLOY, INC.

Hope St. & Viaduct Rd.
Springdale, Conn.
Phone: DA 4-2086
Conn. 359

MARKAL CO.

3052 W. Carroll Ave.
Chicago 12, Ill.
Phone: SA 2-6085
(Contact manufacturer direct)

MARKEM MACHINE CO.

150 Congress St.
Keene, N. H.
Phone: EL 2-1130
Ill. 1—N. Y. 955

MARLIN-ROCKWELL CORP.

402 Chandler St.
Jamestown, N. Y.
Cal. 614, 1296—Colo. 135—Conn.
344—Fla. 80—Ga. 170—Ill. 481—
Kan. 76—Mass. 50—Mich. 506—
Minn. 170—Mo. 166, 305—N. J.
78—N. Y. 956—N. C. 64—Ohio
304, 752—Ore. 62—Pa. 614, 783—
Tex. 105, 256, 507—Wash. 61, 314
—W. Va. 43—Wis. 287—Canada
273

MARQUETTE MFG. CO., INC.

307 E. Hennepin Ave.
Minneapolis 14, Minn.
Phone: FE 9-9121
Cal. 615, 923—Ga. 171—Ill. 482—
Mass. 226—N. Y. 630—Pa. 615—
Tex. 257—Wash. 181

MARSHALL STEEL CO.

P. O. Box 108
La Grange, Ill.
Phone: BI 2-1025
Cal. 592, 1385—Conn. 226—Ga.
43, 210—Ill. 666—Kan. 28—Mich.
74—Minn. 136—N. Y. 962—Ohio
1345—Tex. 329, 762—Wash. 132—
Wis. 44

MARTIN ENGINEERING CO.

U. S. Route #34
Neponset, Ill.
Phone: 3311
Cal. 501, 634, 914—Ill. 45—Mo.
466—Ohio 972—Ore. 118—Pa.
444—Tex. 387, 775—Utah 66—
Canada 208

MARTIN MACHINE CO., J. E.

548 W. State St.
Springfield, Ohio
Phone: FA 2-3121
Ala. 159—Cal. 340, 927, 1128—
Colo. 90—Conn. 107, 274—D. C.
24—Fla. 162, 294—Ga. 61, 330—
Hawaii 18—Ill. 706, 1007—Ind.
11, 44, 80, 127, 223—Iowa 108—La.
171—Md. 27—Mass. 146, 532, 686
—Mich. 1119, 1222—Minn. 203—
Miss. 18—Neb. 37—N. J. 246—
N. M. 48—N. Y. 368, 1046—N. C.
177—Ohio 287, 545, 1084, 1161—
Okla. 108—Pa. 184, 311, 468, 394
—S. C. 17—Tenn. 101, 241—Tex.
766—Utah 62—Va. 43, 99—Wash.
259—Wis. 50, 340—Canada 12, 148,
156, 357, 562

MARTINDALE ELECTRIC CO.

1375 Hird Ave.
Cleveland 7, Ohio
Phone: LA 1-8567
(Contact manufacturer direct)

MARVEL ENGINEERING CO.

7227 N. Hamlin Ave.
Chicago 45, Ill.
Phone: JU 8-6023
(Contact manufacturer direct)

MARVEL TOOL & MACHINE CO.

1096 N. River Rd.
St. Clair, Mich.
Phone: FA 9-2781
Cal. 606—Ill. 446, 637—Ind. 114—

Iowa 10—Mich. 616, 936—Ohio
355, 732—Pa. 496, 903—S. C. 66—
Tenn. 123, 249—Tex. 252—Va.
43—Wis. 167, 385

MASSACHUSETTS GEAR DIV. Geartronics Corp.

910 Main St.
West Concord, Mass.
Phone: TW 7-2971
(Contact manufacturer direct)

MASTER CHEMICAL CORP.

13 N. Huron St. P. O. Box 857
Toledo 1, Ohio
Phone: CH 8-2623
Cal. 337, 1105—Conn. 101—Fla.
167—Ill. 603, 969, 1177, 1284, 1294,
1299—Ind. 130—Kan. 10, 121—La.
201—Md. 32—Mich. 775, 831,
1102, 1129, 1158, 1219, 1229—Minn.
36—Mo. 29, 617—N. J. 129—N. Y.
649, 1574—N. C. 113—Ohio 252,
1235—Okla. 108—Pa. 383, 974—
Tenn. 123—Tex. 472, 766, 846—
Wis. 342—Canada 166

MASTER MFG. CO., INC.

1300 Ave. A. E.
Hutchinson, Kans.
Phone: MO 5-4451
Cal. 616, 682, 1088, 1255—D. C. 91
—Ill. 278—Ore. 179—Wash. 259,
347

MASTER POWER CORP. Black & Decker Subsidiary

Krick Rd.
Bedford 1, Ohio
Phone: BE 2-1300
Cal. 376, 924—Conn. 157—Ga. 173
—Ill. 152—Ind. 154, 509—Ky. 35—
Md. 20—Mass. 179—Mich. 205,
917—Minn. 60—Mo. 54, 324—N. J.
333—N. Y. 161, 1458, 1657—Ohio
57, 163, 1024, 1537—Pa. 181, 477,
804—Tex. 109—Wis. 135—Canada
191, 366, 466, 555

MATTHEWS & CO., JAS. H.

3841 Forbes Ave.
Pittsburgh 13, Pa.
Phone: MU 1-8500
(Contact manufacturer direct)

MATTISON MACHINE WORKS

545 Blackhawk Park Ave.
Rockford, Ill.
Phone: WO 2-5521
Ala. 92—Ariz. 102—Cal. 615, 1517
—Colo. 142—D. C. 38—Ga. 221—
Ill. 660—Ind. 389—La. 171—Mass.
195—Mich. 394—Minn. 231—Mo.
448—N. J. 71—N. Y. 1442—Ohio
387, 648, 1088, 1275—Ore. 96—Pa.
615, 1272—Tex. 31, 685, 766—
Utah 88—Va. 62, 120—Wash. 132,
327—Canada 80, 116, 401, 470, 584

MAUREY MFG. CORP.

2907-23 S. Wabash Ave.
Chicago 16, Ill.
Phone: DA 6-5151
Ill. 120, 258, 490, 574, 1119, 1235—
Ind. 413—Iowa 100—Mass. 135—
Mich. 1380—Minn. 141—Mo. 170,
300—N. Y. 127, 246—Ohio 188,
461, 756—Tenn. 139, 246—Wis.
93

MAX MFG. CO.

138 Stockton Ave.
San Jose 26, Calif.
Phone: CY 3-4768
(Contact manufacturer direct)

MAXWELL INDUSTRIES, INC.

493 E. 5th St.
Ashtabula, Ohio
Phone: WO 4-0541
Cal. 687—Conn. 113—Mass. 358—
Mich. 756—Minn. 203—N. J. 69,
534—N. Y. 290—Ohio 964, 1622—
Okla. 129—Pa. 728, 1131, 1245—
Tex. 766—Canada 597

MAYES TOOL CO.

26514 W. 7 Mile Rd.
Detroit 40, Mich.
Phone: KE 1-5020
(Contact manufacturer direct)

MAYLINE CO., INC.

611 N. Commerce St.
Sheboygan, Wis.
Phone: GL 7-5538
Cal. 497—Ga. 287—Tex. 286

McCROSKY TOOL CORP.

1343-1359 S. Main St.
Meadville, Pa.
Phone: 43-291
Ariz. 37—Cal. 5, 1618—Colo. 58—
Fla. 186, 272—Ga. 233—Ill. 278—
Ind. 349—Kan. 123—Ky. 138—
Mass. 502—Mich. 17, 862, 974,
1171, 1319—Mo. 235, 296—N. J.
153—N. Y. 483, 1553—N. C. 19—
Ohio 111, 358, 841, 1622—Okla. 174
—Ore. 44—Pa. 195, 651, 897—
Tenn. 123—Tex. 326, 678—Utah 9
—Wash. 218—Wis. 196—Canada
288, 435

McDONOUGH MFG. CO.

1532 Galloway St.
Eau Claire, Wis.
Phone: TE 2-6636
Ala. 87—Ariz. 178—Ark. 23—Cal.
262, 340, 513, 616, 757, 1251, 1308,
1589—Colo. 142—Conn. 165, 280—
Fla. 184, 344—Ga. 283—Idaho 11—
Ill. 183, 644, 1157—Ind. 298—Iowa
7—Kan. 85—Ky. 85—La. 181, 217
—Mass. 623, 644—Mich. 394, 1301
—Minn. 231—Mo. 448—N. J. 46,
219, 408—N. M. 19—N. Y. 94, 240,
1562, 1591—N. C. 9, 218—Ohio
63, 621, 1184—Okla. 24—Ore. 157
—Pa. 277, 1115, 1304—S. C. 4—
Tenn. 38, 263—Tex. 330, 415, 472,
754—Va. 106—Wash. 92, 261—
W. Va. 18—Wis. 167, 429

McDOWELL-WELLMAN CO.

113 St. Clair Ave. NE
Cleveland 14, Ohio
Phone: MA 1-9934
Ala. 53—Cal. 224, 1256—Colo. 6,
113—Conn. 106—Fla. 325—Ga. 126
—Hawaii 13—Ill. 790—Ind. 74—
Ky. 68—Mass. 562—Mich. 648—
Minn. 300—N. Y. 896, 1123, 1315,
1589—Ohio 34, 409, 825, 1690,
1722—Ore. 166—Pa. 941, 1196—
Tenn. 83, 153, 239—Tex. 383, 582
—Va. 94—Wash. 165—Wis. 23—
Canada 160

McGILL MFG. CO., INC.

909 N. Lafayette St.
Valparaiso, Ind.
Phone: HO 2-2161
Colo. 203—Conn. 384—Ill. 918—
Mich. 79—Minn. 115—Mo. 249—
N. Y. 1323—Ohio 121, 1174—Tex.
236—Wis. 477

McCONEGAL MFG. CO., THE

Railroad Ave. & Mozart Ave.
East Rutherford, N. J.
Phone: GE 8-2313
Cal. 340, 616, 1252—Colo. 100—
Fla. 184—Ill. 505—Md. 51—Mass.
676—Minn. 203—N. Y. 290—Ohio
366, 856—Pa. 521, 735—Tex. 750

McKAY CO., THE

1005 Liberty Ave.
Pittsburgh 22, Pa.
Phone: AT 1-5380
(Contact manufacturer direct)

McKAY MACHINE CO., THE

825 W. Federal St.
Youngstown 1, Ohio
Phone: RI 6-6521
Cal. 482
(Radii Milling Machines only)
Ill. 290—Mich. 708, 833—N. J. 71
—Ohio 327, 786—Pa. 992—Wis.
201

MANUFACTURERS

McKENZIE ENGINEERING CO., THE
78 S. Main St.
Newtown, Conn.
Phone: GA 6-2363
Cal. 618—Conn. 325

McLOUTH STEEL CORP.
300 S. Livernols Ave.
Detroit 17, Mich.
Phone: VI 3-3000
Ill. 494—Mich. 980—Ohio 310

MEAD SPECIALTIES CO.
4114 N. Knox Ave.
Chicago 41, Ill.
Phone: MU 5-6800
Ala. 45—Ark. 38—Cal. 111, 925—
Colo. 208—Fla. 174—Ga. 221—Ill.
473, 496—Ind. 31, 491—Kan. 123—
Ky. 73—La. 100—Mass. 418—
Mich. 785—Minn. 109—Mo. 398—
Neb. 50—N. Y. 442, 882, 1314—
N. C. 19—Ore. 109—Pa. 658, 1129—
Tenn. 192—Tex. 387—Wash. 288—
Wis. 409—Canada 384, 491, 593

MECHA-FINISH CORP.
304 W. South St.-P. O. Box #308
Sturgis, Mich.
Phone: OL 1-3241
Cal. 144, 1464, Colo. 131—Conn.
256, 467—Fla. 344—Ill. 660, 1005—
Ind. 326—Kan. 116—Mass. 421—
Mich. 714, 1028—Mo. 227, 569—
Neb. 50—N. Y. 300—N. Y. 301,
611, 1636—Ohio 517, 1647—Okla.
165—Ore. 157—Pa. 233—Tenn.
157—Tex. 415—Utah 62—Va. 63—
Wash. 92—Wis. 386—Canada 422,
472, 597

MECHANICAL AIR CONTROLS, INC.
10030 Capital
Detroit 37, Mich.
Phone: JO 4-6858
Ala. 7—Cal. 942, 1506—Ga. 39—
Ill. 552—Ind. 41, 85, 325, 539—Md.
37—Mich. 34, 93—Minn. 344—Mo.
573—N. J. 602—N. Y. 235, 687,
1487—N. C. 82—Ohio 805—Ore.
164—Tenn. 123—Tex. 765—Wash.
237—Wis. 317—Canada 138, 593

MECHANICS ENGINEERING CO., INC.
1318 Wildwood Ave.-P. O. Box
243
Jackson, Mich.
Phone: ST 2-3151
Cal. 51, 792—Fla. 321—Ill. 511—
Ind. 163—Iowa 78, 103—Kan. 90—
Mass. 678—Mich. 705—Mo. 97,
329, 488—N. J. 21—N. Y. 234,
573—Ohio 968, 1297—Okla. 150—
Pa. 1071—Wash. 47—Wis. 388

MEDICO CO., THE
149 Grand St.
New York 13, N. Y.
Phone: WO 6-1022
(Contact manufacturer direct)

MEEHANITE METAL CORP.
714 N. Ave.
New Rochelle, N. Y.
Phone: NE 2-3840
Cal. 594—Conn. 2—Ill. 346, 1180—
Ind. 452—Mass. 178, 682—Mich.
172, 861, 918, 1052—Mo. 309—N. J.
171, 224, 456, 561—N. Y. 306—
Ohio 191, 618, 1156, 1357, 1441—
Pa. 152, 241, 272, 1061—Tenn. 48—
Tex. 78—Wis. 260, 324

MEIER BRASS & ALUMINUM CO.
1471 E. 9 Mile
Hazel Park, Mich.
Phone: JO 6-3902
Ill. 580—Ind. 344—Mich. 1055—
N. Y. 1584—Ohio 33, 65, 1251, 1623

MELARD MFG. CORP.
2626 White Plains Rd.
New York 67, N. Y.
Phone: TU 1-4444
Ill. 634—Mass. 669—Mich. 533,
1237—N. Y. 960—Ohio 1509—Wis.
219

MELIN TOOL CO., INC.
3370 W. 140th St.
Cleveland 11, Ohio
Phone: CL 1-7471
(Contact manufacturer direct)

MERCURY TOOL & DIE CO., INC.
1600 E. 9 Mile Rd.
Detroit 20, Mich.
Phone: JO 4-6022
(Contact manufacturer direct)

MERIT PRODUCTS, INC.
3691 Lenawee Ave.
Los Angeles 16, Calif.
Phone: UP 0-4827
Ariz. 37—Ark. 23—Cal. 1278—
Colo. 72—Fla. 175—Ga. 82—Ill.
126, 495—Ind. 230—Md. 90—Mass.
483—Mich. 662, 760—Minn. 209—
Mo. 57—N. J. 325—N. Y. 729,
1002—Ohio 22, 449, 1028—Okla.
138—Ore. 131—Pa. 447, 558, 1081—
S. C. 66—Tex. 472—Wash. 69—
Wis. 330

MERZ ENGINEERING, INC.
200 S. Harding St.
Indianapolis 7, Ind.
Phone: ME 2-7431
Cal. 692—Ind. 387—Mich. 392—
Mo. 235—Ohio 1350

MESTA MACHINE CO.
P. O. Box 1466
Pittsburgh 30, Pa.
(Contact manufacturer direct)

MET-L-CHEK CO., THE
11919 S. Western Ave.
Los Angeles 47, Calif.
Phone: PL 4-3656
Cal. 622, 1086, 1518—Fla. 146—
Ga. 5—Ill. 400, 436—Kan. 68—
Mass. 28—Mich. 526—N. J. 146
N. Y. 18, 163—N. C. 40—Pa. 315,
808, 914—Tex. 622—Wash. 255—
Wis. 332

METAL CUTTING TOOLS, INC.
301 S. Water St.
Rockford, Ill.
Phone: WO 4-5631
Cal. 312, 319—Colo. 48—Conn.
113, 477—Fla. 46—Ill. 511, 1014,
1146—Ind. 302—Mass. 373, 685—
Mich. 1304—Minn. 255—Mo. 224,
487—N. J. 580—N. Y. 224, 406—
Ohio 378, 401, 899, 1595, 1721—Pa.
394, 1056, 1245, 1266—S. C. 72—
Tenn. 123—Tex. 514—Utah 79—
Wis. 437—Canada 142, 509

METAL LUBRICANTS CO.
3535 S. Oakley Ave.
Chicago 9, Ill.
Phone: LA 3-9188
Cal. 313—Iowa 85—Mich. 1200—
Minn. 168—Mo. 14, 84—Tenn. 262

METAL REMOVAL CO., THE
1801 W. Columbia Ave.
Chicago 26, Ill.
Phone: HO 5-8922
Ala. 35, 158—Ariz. 28—Cal. 491,
937, 1080, 1421—Colo. 120, 207—
Conn. 15, 105, 277, 416—Fla. 73,
322, 326—Ga. 82—Hawaii 5—Ill.
161, 230, 849, 1124—Ind. 380—
Iowa 66—Kan. 83, 94—Ky. 83—
Md. 64—Mass. 309, 462, 670—
Mich. 20, 123, 1162, 1236, 1350,
1357—Minn. 203, 222, 255, 256, 267,
298—Mo. 3, 84, 138, 211, 302, 629—
N. Y. 272, 296, 450, 478, 643, 544,
1501—N. C. 19, 187—N. D. 5—

Ohio 13, 154, 320, 449, 558, 783,
1035, 1235, 1368, 1422, 1443, 1498,
1657—Okla. 41, 125—Ore. 76—
Pa. 101, 188, 260, 432, 516, 1071,
1313—R. I. 8—S. C. 66—Tenn. 37,
105, 139, 227—Tex. 443, 454, 487,
563—Va. 15, 99—Wash. 44—Wis.
10, 72, 131, 167, 356—Canada 290,
388

METAL & THERMIT CORP.
Rathway Ave.
Rahway, N. J.
Phone: FU 1-3000
(Contact manufacturer direct)

METALLIZING CO. OF AMERICA, INC.
3520 W. Carroll Ave.
Chicago 24, Ill.
Phone: SA 2-3710
Cal. 620—Ill. 502—N. Y. 961

METALLIZING ENGINEERING CO., INC.
1101 Prospect Ave.
Westbury L. I., N. Y.
Phone: ED 4-1300
(Contact manufacturer direct)

METALLOID CORP.
514 N. Jefferson St.
Huntington, Ind.
Phone: 243
Cal. 677, 1001, 1241—Fla. 5—Ga.
82—Ill. 670, 868, 1115—Ind. 83, 259
Iowa 27—Kan. 74—Md. 120—
Mich. 641, 979, 1057—Mo. 95, 487—
N. J. 74—N. Y. 415, 1581—Ohio
1215, 1629—Okla. 108—Pa. 188,
1131—Tex. 330, 449—Wis. 382—
Canada 460

METALLURGICAL PRODUCTS DEPT.
General Electric Co.
11177 E. 8 Mile Dr.-P. O. Box
237 RPA
Detroit 32, Mich.
Phone: JE 6-9100
Ala. 158—Ariz. 45—Ark. 24—Cal.
503, 606, 621, 1080, 1298, 1407—
Colo. 131—Conn. 37, 203, 429—Fla.
68, 158, 253, 276, 344—Ga. 174, 205,
233, 348—Hawaii 2—Ill. 15, 361,
503, 658, 711, 849, 1093, 1130, 1166,
1200, 1244, 1285—Ind. 102, 164,
425, 553—Iowa 52, 108, 167, 174—
Kan. 85—Ky. 86, 98, 149—La. 146,
201—Md. 18, 120—Mass. 13, 59,
67, 620, 623—Mich. 23, 45, 174, 525,
696, 837, 866, 963, 1088, 1123, 1156,
1224, 1269, 1324—Minn. 94, 231—
Mo. 30, 95, 361—Neb. 23—N. J.
242, 248, 413, 575, 576, 616—N. M.
19, 29—N. Y. 27, 124, 151, 290, 431,
449, 879, 1322, 1417—N. C. 21,
135, 177, 187, 246—Ohio 40, 58,
105, 287, 314, 840, 979, 1059, 1161,
1391, 1566, 1606, 1671—Okla. 3, 29,
129—Ore. 91, 100—Pa. 33, 192, 282,
332, 345, 447, 735, 903, 1175, 1255,
1271, 1324—R. I. 28, 64—S. C. 4,
59—S. D. 7—Tenn. 36, 93, 122—
Tex. 41, 116, 353, 404, 415, 428,
472, 520, 700—Utah 62—Vt. 16—
Va. 43, 63, 99, 155, 167—Wash.
137, 328—W. Va. 15, 71—Wis. 68,
388

METRON INSTRUMENT CO.
432 Lincoln St.
Denver 3, Colo.
Phone: PE 3-3764
Cal. 1491—Conn. 286—Ill. 35—Md.
52—Mass. 551—Mich. 338—N. J.
45, 444—N. Y. 1306, 1653—Ohio
924—Tex. 235, 637

METTLER MACHINE TOOL CO., INC.
155 Adeline St.
New Haven 4, Conn.
Phone: LO 2-3178
Ala. 92—Cal. 764—Colo. 142—Ill.
541—Mich. 696—Minn. 203, 327—

N. Y. 504, 1562—Ohio 387, 1373—
Pa. 1083

MEYERS CO., INC., W. F.
1017 14th St.
Bedford, Ind.
Phone: BR 5-4485
Cal. 249, 411, 845, 1134, 1436, 1518—
Fla. 363—Ill. 576—Ind. 230, 408—
Iowa 52, 174—Md. 18—Mass.
400—Mich. 163, 650, 1128—Mo. 453—
N. Y. 1250—Ohio 884, 1370—
Va. 99—Wis. 344

MICHIGAN MACHINE & BROACH CO.
6473 E. 7 Mile Rd.
Detroit 34, Mich.
Phone: TW 3-3273
Conn. 89—Fla. 308—Ill. 234—Ind.
57—Ky. 137—Md. 64—Mich. 505,
565, 809, 1324—Minn. 254—N. Y.
230, 1638—Ohio 901—Tenn. 122—
Wis. 437

MICO INSTRUMENT CO.
80 Trowbridge St.
Cambridge 38, Mass.
Phone: KI 7-8660
(Contact manufacturer direct)

MICRO-LIMIT PRODUCTS, INC.
12970 W. 8 Mile Rd.
Oak Park 37, Mich.
Phone: JO 4-6000
Ariz. 6—Cal. 122, 127, 220, 293,
413, 606, 616, 668, 711, 730, 870,
927, 1039, 1400—Conn. 101, 257—
Fla. 184, 322—Ga. 277—Ill. 206,
434, 816, 1148, 1243—Ind. 236, 555—
Md. 32—Mass. 448, 469, 475,
525, 668—Mich. 511, 711, 782, 887,
1128—Minn. 52—N. Y. 279, 1017,
1086, 1150, 1643—N. C. 19, 89—
Ohio 430, 649, 1597—Okla. 107—
Pa. 496—R. I. 14, 40—Tex. 514,
873—Wash. 69, 109—Wis. 167

MICRO-PATH, INC.
Subsidiary of United Industrial Corp.
10321 Anza Ave.
Los Angeles 45, Calif.
Phone: SP 6-0450
Cal. 453—D. C. 24—Fla. 43—Kan.
84—Mich. 833—N. Y. 1239—Ohio
768—Pa. 499, 992—Wis. 280

MICRO-POISE ENGINEERING & SALES CO.
14851 Grand River
Detroit 27, Mich.
Phone: VE 8-1134
Cal. 721—N. Y. 844—Tex. 754—
Canada 230

MICRO PUNCH & DIE CO.
121 Loomis St.
Rockford, Ill.
Phone: WO 5-4401
Iowa 27—Mo. 84

MICRO SWITCH
Div. of Minneapolis-Honeywell Regulator Co.
11 W. Spring St.
Freeport, Ill.
Phone: AD 2-112
Ariz. 71—Cal. 626, 1117, 1302—
Colo. 129—Conn. 192—D. C. 58—
Ga. 175—Ill. 509—Ind. 312—Kan.
104—Mass. 122—Mich. 535—Minn.
176—Mo. 483—N. J. 590—N. Y.
599, 1316—N. C. 92—Ohio 770,
1231—Ore. 132—Pa. 625—Tex.
260—Wash. 186—Wis. 298

MICROMATIC HONE CORP.
8100 Schoolcraft Ave.
Detroit 38, Mich.
Phone: WE 3-7835
Cal. 625—Conn. 134—Ill. 1275—
Ind. 492—Ohio 767—Ore. 44—
Wash. 218—Canada 151

MANUFACTURERS

MICROMETRICAL MFG. CO.

345 S. Main St.
Ann Arbor, Mich.
Phone: NO 2-5626
Cal. 692, 1518—Colo. 142—D. C.
24—Ga. 157—Ill. 677—Ind. 237—
La. 158—Mass. 443—Mich. 392,
1163—Minn. 233—Mo. 119, 495—
Neb. 37—N. J. 547—N. Y. 1236—
N. C. 52—Ohio 840, 1306—Okla.
129—Ore. 157—Pa. 160, 1135—
Tenn. 257—Tex. 329, 752—Utah
62—Wash. 69—Wis. 206—Canada
434, 477, 606, 611

MID-WEST ABRASIVE CO.

510 S. Washington St.
Owosso, Mich.
Phone: SA 5-7161
Cal. 627—Ill. 513—Ind. 313—Mich.
1189, 1253—N. J. 157—N. C. 204—
Ohio 771

MIDO PRODUCTS

1801 Border Ave.
Torrance, Calif.
Phone: SP 5-2949
Cal. 1554

MILES INC., TY

Box 446
Elmhurst, Ill.
Phone: TE 2-6177
Cal. 978—Ill. 168—Ind. 329—Mich.
732

MILFORD RIVET & MACHINE CO., THE

857 Bridgeport Ave.
Milford, Conn.
Phone: TR 8-4631
Cal. 540, 1243—Colo. 145—Conn.
399—Ga. 37—Ill. 687—Ind. 319—
Mass. 626—Mich. 599—Minn. 328
—Mo. 609—N. J. 365, 395—N. Y.
1365—N. C. 23—Ohio 620, 1402,
1557—Pa. 318, 911—Tenn. 183—
Tex. 343—Wash. 195—Wis. 458

MILLER ELECTRIC MFG. CO., INC.

718 S. Bounds St.
Appleton, Wis.
Phone: RE 4-9821
Ala. 89—Cal. 280, 1580—Colo. 130
—Ga. 177—Ill. 515—Ind. 497—
Iowa 158—Mass. 384—Mich. 124—
N. J. 93—N. Y. 963—Ohio 1461—
Ore. 133—Pa. 626, 982—Tex. 264,
662—Wis. 11

MILLERS FALLS CO.

57 Wells St.
Greenfield, Mass.
Phone: PR 3-5426
Cal. 629—Ga. 153—Ill. 517—Mass.
184—N. Y. 965—Ohio 774—Tex.
458

MILLER FLUID POWER DIV.
Flick-Reedy Corp.

York & Thorndale Rds.
Bensenville, Ill.
Phone: PO 6-3400
(See advertisement p. 45)
Ala. 90, 199—Cal. 628, 1303—Colo.
213—Conn. 175—Ga. 178—Ill. 30,
996, 1183—Ind. 85, 325, 539—Ky.
129—Md. 104—Mass. 85—Mich.
537, 858, 948, 1115—Minn. 179—
Mo. 176, 573—N. J. 385—N. Y.
513, 667, 964, 1317, 1526—Ohio
325, 773, 1060, 1236, 1393, 1487,
1568—Pa. 627, 983—Tex. 217, 617
—Wash. 187—Wis. 205—Canada
358, 484

MILMAN ENGINEERING CO.

1831 Pontius Ave.
Los Angeles 25, Calif.
Phone: GR 3-0816
Cal. 51, 220, 545, 616, 730, 774, 870
—Conn. 48, 97, 343—Ill. 488—Md.
15—Mass. 9, 206, 613, 643—Mich.
542, 1234, 1292—N. J. 46, 102, 114,
267—N. Y. 94, 257, 477, 514, 1301,

1417—Ohio 1234—Pa. 329, 641—
Va. 14, 146—Wis. 416

MILNE & CO., INC., A.

67 W. 44th St.
New York 36, N. Y.
Phone: OX 7-1557
Cal. 91—Conn. 265—Ga. 179—
Ill. 973—Ind. 315—Mass. 476—
Mich. 538—N. J. 249—N. Y.
1318—Ohio 776, 1233—Pa. 128, 628

MILWAUKEE ELECTRIC TOOL CORP.

5316 W. State St.
Milwaukee 8, Wis.
Phone: SP 1-1740
Cal. 631—Ill. 519—Minn. 180—
N. Y. 601—Pa. 1218—Wash. 188—
Canada 369

MILWAUKEE GEAR CO.

5150 N. Port Washington Rd.
Milwaukee 17, Wis.
Phone: WO 2-3532
Iowa 24—Mich. 315—Minn. 135—
Mo. 539—Ohio 993—Pa. 861—Wis.
481

MILWAUKEE MOTIVE MFG. CO.

1825 S. Kinnickinnic Ave.
Milwaukee 4, Wis.
Phone: MI 5-3730
Cal. 255, 381, 673, 918, 1468—Ill.
480—Ind. 46, 113—La. 168—Mich.
391, 781, 817—Ohio 22, 306, 512,
680, 899, 978—Ore. 76, 176—Pa.
957—Tex. 201, 205, 355—Wis. 90,
231, 301, 308, 340—Canada 94

MINER TOOL CO., T. B.

17400 Hesperian Blvd.
San Lorenzo, Calif.
Phone: EL 1-1234
(Contact manufacturer direct)

MINN. MINING & MFG. CO.

900 Bush Ave.
St. Paul 6, Minn.
Phone: PR 6-8511
Cal. 635, 1526—Ga. 180—Ill. 6—
Mass. 426—Mich. 539, 986, 1393—
Miss. 490—N. J. 498—N. Y. 283—
N. C. 205—Ohio 318, 777—Pa.
109, 631—Tex. 266—Wash. 189

MINN. MINING & MFG. CO.
Adhesives, Coatings & Sealers Div.

900 Bush Ave.
St. Paul 6, Minn.
(Contact manufacturer direct)

MINSTER MACHINE CO., THE

5th & Canal Sts.
Minster 1, Ohio
Phone: 149
Cal. 545, 1447—Colo. 4—Conn. 483
—Ill. 465—Ind. 294—La. 100—
Mass. 262—Mich. 393, 1034—Minn.
330—Mo. 57, 429—Neb. 50—N. J.
149—N. Y. 170, 428, 1311—N. C.
87—Ohio 287, 765, 1184, 1544—
Tenn. 75, 159—Tex. 249, 754—Va.
105—Wis. 279—Canada 349

MISENER MFG. CO., INC.

202 Walton St.
Syracuse 2, N. Y.
Phone: HA 2-1289
Ala. 73—Cal. 507, 607—Colo. 67—
Ga. 39—Ill. 236—Ind. 222—Md.
118, 144—Mass. 189, 375, 472—
Mich. 208—Mo. 501—N. Y. 397,
471, 648, 657—Pa. 398, 618, 1064—
Tex. 309—Wash. 228—Canada 63,
354, 501

MITCHELL CO., E. C.

Boston St.
Middletown, Mass.
Phone: SP 4-1191
Cal. 219—Ga. 299—Ill. 336—Mass.
59—Mo. 556—N. Y. 867—Pa. 1155
—Tenn. 11—Tex. 330—Wis. 426

MITCHELL SPECIALTY DIV.

Industrial Enterprises, Inc.
Shelmire & Edmund Sts.
Philadelphia 36, Pa.
Phone: DE 3-5400
Cal. 277—Fla. 398—Ga. 24—Ill.
135—Mich. 199—Ohio 1446—Pa.
145—S. C. 75

MITTS & MERRIL, INC.

1009 S. Water St.
Saginaw, Mich.
Phone: PL 2-6191
Ala. 158—Cal. 59, 545—D. C. 24—
Ill. 858—La. 100—Mass. 262—
Mich. 696—Mo. 95, 429—N. Y.
301, 655—Ohio 83, 287—Okla. 129
—Pa. 702, 815—Tenn. 38—Tex.
285, 766—Wash. 132—Wis. 218—
Canada 606

MOBIL OIL CO., INC.

150 E. 42nd St.
New York 17, N. Y.
Phone: OX 7-4200
Cal. 636—Ill. 530—Mass. 134—
Mich. 540—Minn. 186—Mo. 178,
492—N. Y. 23, 284, 968, 969—Ohio
778—Pa. 380, 633—Tex. 267, 268,
965

MOCCASIN BUSHING CO.

2000 Chestnut St.
Chattanooga 8, Tenn.
Phone: AM 7-9554
Ill. 745—La. 94—Mich. 448—Minn.
315—Mo. 512—N. Y. 258, 495, 802,
1321—N. C. 128—Ohio 797, 1411
—Okla. 83—Pa. 1305—Tex. 534—
Wis. 270

MODCO TOOLS

221100 Coolidge Hwy.
Detroit 37, Mich.
Phone: JO 4-5712
Cal. 637—Fla. 136—Ill. 521—Ind.
317—N. Y. 1528—Wis. 309

MODEL MACHINE CO., INC.

4729 Hawthorne St.
Philadelphia 24, Pa.
Phone: CU 8-4565
Cal. 616—Conn. 14—Ill. 168—Ind.
346—Mich. 746—Minn. 119—Mo.
488—N. C. 213—Ohio 1246, 1491—
Pa. 980—Wis. 398

MODERN INDUSTRIAL
ENGINEERING CO.

14230 Birwood
Detroit 38, Mich.
Phone: WE 3-7280
Ill. 802—Ind. 474—Mich. 886—
Ohio 171—Canada 462

MODERN MACHINE TOOL CO.

2005 Losey Ave.
Jackson, Mich.
Phone: ST 4-7134
(Contact manufacturer direct)

MODERN MFG. CO., INC.

680 Davisville Ave.
Willow Grove, Pa.
Phone: OL 9-4820
Ariz. 33—Cal. 816, 1306—Hawaii
3—Ill. 601—Kan. 123—Mass. 136—
Mo. 625—N. Y. 1008, 1350—N. C.
86—Ohio 714—Pa. 1273—Tex.
114—Wash. 259—Wyom. 562

MODERNAIR CORP.

400 Preda St.
San Leandro, Calif.
Phone: LO 2-6485
Ala. 95—Ariz. 8—Cal. 77, 173, 196,
327, 551, 816, 922, 1028, 1046, 1108
1244, 1333, 1412, 1540, 1558—Fla.
74, 131, 145, 175—Ga. 323—Ill.
551, 949—Kan. 74—Ky. 135—La.
187—Md. 41—Mass. 664—Mich.
923, 1118, 1136—Minn. 137—Mo.
51, 287—N. J. 372—N. Y. 99, 1354
—Ohio 1380—Okla. 35—Ore. 24,
202—Pa. 188, 443, 761—R. I. 17—
Tex. 387, 420, 776—Wash. 253,
371—Canada 8, 64, 90, 453, 576

MOFFATT PRODUCTS, INC.

3124 N. Washington
Minneapolis 11, Minn.
Phone: JA 1-1454
(Contact manufacturer direct)

MOHAWK FILE & TOOL CO.

494 Franklin St.
Buffalo 2, N. Y.
Phone: GA 9094
(Contact manufacturer direct)

MOHAWK TOOLS, INC.

910 E. Main St.
Montpelier, Ohio
Phone: 5-3171
(Contact manufacturer direct)

MOHR TOOL & MFG. CO.

Box 63
Maywood, Ill.
Phone: FI 3-2409
(Contact manufacturer direct)

MOJAVE GRANITE CO.

1651 Miller Ave.
Los Angeles 63, Calif.
Phone: AN 8-0936
Cal. 293, 728, 926, 996—Colo. 126
—Ill. 312, 540, 883, 1002—Mass. 91
—Mich. 351, 382, 1333—N. Y. 600
—Ohio 363, 1582—Ore. 44—Pa.
744—Utah 100—Wash. 218

MOLINE TOOL CO.

102-20th St.
Moline, Ill.
Phone: 4-2418
Ala. 85—Cal. 605, 1517—Colo. 100
—Conn. 476—Ga. 61—Ill. 483, 1225
—Ind. 280, 463—Mass. 143—Mich.
833—Minn. 284—Mo. 227, 569—
N. Y. 321, 1036, 1549—Ohio 327,
786—Okla. 145—Ore. 179—Pa.
739, 902—Tenn. 157—Tex. 31, 685
—Utah 50—Va. 120—Wash. 259,
347—Wis. 288—Canada 90, 124,
243, 433, 605

MOLYBDENUM CORP.
OF AMERICA

Grant Bldg.
Pittsburgh, Pa.
(Contact manufacturer direct)

MOMAR INDUSTRIES

4176 W. Montrose Ave.
Chicago 41, Ill.
Phone: AV 6-7270
(Contact manufacturer direct)

MONARCH MACHINE TOOL
CO., THE

1961 Oak Ave.
Sidney, Ohio
Phone: HY 2-4111
Ala. 92—Cal. 59, 642—Colo. 4—
Conn. 483—Fla. 272—Idaho 11—
Ill. 1049—Ind. 280—La. 158, 210—
Mass. 262—Mich. 543—Minn. 94—
Mo. 119, 361—Neb. 37—N. J. 303
—N. Y. 170, 1554—N. C. 87—Ohio
287, 780, 1184—Okla. 97—Pa. 985,
1282—Tenn. 38, 157—Tex. 195, 732
—Utah 104—Wash. 132—Wis. 50
—Canada 119, 244, 434, 477, 606,
811

MONROE ENGINEERING
PRODUCTS, INC.

13204 Fenkell
Detroit 27, Mich.
Phone: BR 2-2984
(See advertisement p. 303)
Cal. 812, 1396—Colo. 19—Ill. 578—
Ind. 372—Iowa 27, 49—Mass. 27—
Mich. 705—Minn. 203—Mo. 425—
N. Y. 196, 619, 1330, 1514—Ohio
718, 1272, 1566—Pa. 554, 1106—
Tex. 353—Wis. 388—Canada 422,
472

MONTGOMERY & CO., INC.

413 Morris Ave.
Springfield, N. J.
Phone: DR 6-4767
Pa. 392

MANUFACTURERS

MOORADIAN MFG. CO.

1752 E. 23rd St.
Los Angeles 58, Calif.
Phone: RI 7-6348

Ariz. 6, 18, 45, 97—Cal. 21, 101, 122, 134, 185, 209, 262, 319, 434, 464, 532, 550, 566, 574, 589, 666, 672, 757, 764, 816, 852, 855, 899, 906, 985, 1013, 1040, 1053, 1056, 1080, 1096, 1128, 1169, 1228, 1257, 1296, 1406, 1402, 1405, 1406, 1463, 1547, 1552, 1559—Conn. 281—Fla. 103, 148, 175, 206—Hawaii 12—Idaho 11—Ill. 55, 780—Iowa 21, 55, 103—Mass. 237—N. J. 1006, 1007—Ore. 3, 4, 37, 52, 157—R. I. 32—Tenn. 177—Tex. 251, 280, 356, 404, 417—Utah 48—Wash. 69, 329, 333—Wis. 50

MOORE PRODUCTS CO.

H & Lycoming Sts.
Philadelphia 24, Pa.
Phone: JE 3-3500

Cal. 643—Ga. 182—Ill. 525—Ky. 96—La. 144—Mass. 577—Mich. 545—N. Y. 972—N. C. 96—Ohio 782—Pa. 636, 987—Tex. 666

MOORE SPECIAL TOOL CO., INC.

800 Union Ave.
Bridgeport 7, Conn.
Phone: FO 6-3224

(See advertisement p. 53)

Ala. 94, 190—Cal. 615, 1517—Colo. 63—Fla. 344—Ga. 221—Ill. 1033—Ind. 389—Iowa 10—Kan. 87—Mich. 593—Mo. 97, 546—N. C. 169—Ohio 249, 821, 1184, 1617—Okla. 110—Ore. 96—Pa. 1083—Tenn. 37, 248—Tex. 203—Wash. 132, 327—Canada 189, 562

MORGOOD TOOLS, INC.

381 Buell Rd., P. O. Box 8507,
Thurston Rd. Substation
Rochester 19, N. Y.
Phone: ID 6-8828

(Contact manufacturer direct)

MORLEY MACHINERY CORP.

3111 Winton Rd., S.
Rochester 23, N. Y.
Phone: GR 3-3660

Mass. 143—Ohio 327

MORRIS MACHINE TOOL CO.,

2001 Eastern Ave.
Cincinnati 2, Ohio
Phone: PL 1-0976

Ala. 86, 129—Ariz. 93—Cal. 723, 1531—D. C. 42—Fla. 84, 344, 350, 395—Ga. 221, 223—Ill. 541, 597, 754—Ind. 217, 235—Iowa 7—Kan. 85—Mass. 261—Mich. 225, 532—Minn. 203—Mo. 95, 488, 603—N. Y. 141, 220, 550, 654, 1037, 1557—N. C. 247—Ohio 32, 429—Okla. 24, 99—Ore. 44—Pa. 54, 521, 973, 1106—Tenn. 222—Tex. 251, 472, 754—Utah 42, 62—Wis. 367—Canada 278

MORRISON CO., D. C.

P. O. Box 1017
Cincinnati 1, Ohio
Phone: JU 1-7511

(Contact manufacturer direct)

MORRISON ENGINEERING CO.

935 W. Lake St.
Chicago 7, Ill.
Phone: TA 9-4777

(Contact manufacturer direct)

MORRISON PRODUCTS, INC.

1816 Waterloo Rd.
Cleveland 10, Ohio
Phone: KE 1-1460

(Contact manufacturer direct)

MORSE CHAIN CO.

S. Aurora St.
Ithaca, N. Y.
Phone: 4-5471

Cal. 645—Colo. 134—Ga. 183—Ill. 526, 999—Mass. 127—Mich. 547, 990—Minn. 187—Mo. 184—N. J. 451—N. Y. 533—N. C. 98—Ohio 321, 785—Pa. 316, 990—Tex. 271, 667—Wis. 312

MORSE CO., H. E.

455 Douglas Ave.
Holland, Mich.
Phone: EX 6-4604

(See advertisement p. 312)

Ala. 45—Conn. 114, 393—Ill. 598, 711, 1009, 1255—Ind. 61, 349, 519—Ky. 83—Md. 32—Mass. 13, 210, 620—Mich. 635, 1156, 1224—Minn. 255—Mo. 586—N. J. 580—N. Y. 272, 544, 1245, 1535—Ohio 98, 416, 565, 937, 1180, 1490—Pa. 213, 242, 1131, 1313—Wis. 206

MORSE TWIST DRILL & MACHINE CO.

New Bedford, Mass.
Phone: WY 4-9611

Cal. 1312—Ill. 527—Mich. 548—N. Y. 974—Tex. 272

MORTON MACHINE WORKS
A Div. of Brubaker Tool Corp.

P. O. Box 231
Millersburg, Pa.
Phone: OW 2-2113

Cal. 467—Mich. 692—N. Y. 975

MORTON MFG. CO.

Broadway & Hoyt Sts.
Muskegon Hts., Mich.
Phone: PH 3-2146

Ala. 87—Cal. 532, 1086, 1106, 1255—Colo. 131—Conn. 291—Ind. 88, 338—Mass. 18—Mich. 633, 1168—Minn. 327—Mo. 569—Neb. 37—N. Y. 346, 862, 1371, 1562—N. C. 6, 186—Ohio 281, 882, 1617—Ore. 44—Pa. 1049, 1281—S. C. 26—Tenn. 56, 213—Tex. 216, 415, 559—Utah 62—Va. 62, 130, 155—Wash. 218—Wis. 398—Canada 334, 434, 477, 606

MOTCH & MERRYWEATHER
MACHINERY CO.

1250 E. 22nd St.
Euclid 17, Ohio
Phone: IV 6-3600

Mich. 833—Ohio 327, 786—Pa. 992

MOTT SAND BLAST MFG. CO.

8000 W. 47th St.
Lyons, Ill.
Phone: HI 7-1142

(Contact manufacturer direct)

MUELLER BRASS CO.

1925 Lapeer Ave.
Port Huron, Mich.
Phone: YU 5-5111

(See advertisement p. 70)

Cal. 647, 1527—Colo. 136—D. C. 59—Fla. 198—Ga. 184—Ill. 974—Ind. 322—Iowa 128—La. 145—Mass. 230—Mich. 549, 991—Minn. 188—Mo. 185, 497—N. J. 391—N. Y. 1530—Ohio 328, 788—Pa. 640, 995—Tex. 273—Wash. 365—Canada 263

MUELLER GAGES CO.

1052-1058 N. Allen Ave.
Pasadena, Calif.
Phone: MU 1-5016

Ariz. 37, 133—Cal. 6, 49, 99, 616, 692, 728, 730, 967, 1018, 1134, 1241, 1473, 1588—Colo. 58—Hawaii 14—Ill. 576—Ind. 359—Iowa 73—Kan. 114—Mass. 443—Mich. 392—Minn. 198, 203—Mo. 235—N. J. 152, 615—N. Y. 535, 760, 1113, 1236—Ohio 964, 1194, 1232, 1234—Pa. 383—Tex. 329—Utah 3—Wash. 244—Wis. 220, 245

MULTI METALS, INC.

500 E. Main St.
Louisville 2, Ky.
Phone: JU 7-0501

Ill. 203, 206, 566, 898, 1115—Ind.

126—Ky. 28—Mass. 666—Mich. 773, 914—N. J. 267, 497—N. Y. 614—Ohio 1048, 1176—Okla. 9—Pa. 290, 569, 621, 632—Tex. 60, 470, 874—Wis. 234

MULTIFINISH MFG. CO.

26341 W. 8 Mile Rd.
Detroit 40, Mich.
Phone: KE 5-0190

(Contact manufacturer direct)

MULTIPLEX CO.

1536 Getty St.
Muskegon, Mich.
Phone: 2-2280

(Contact manufacturer direct)

MUNN ENGINEERING CO., THE

24729 Sherwood
Center Line, Mich.
Phone: SL 7-3630-31

(Contact manufacturer direct)

MURRAY-WAY CORP.

Box 189
Birmingham, Mich.
Phone: JO 4-6890

Cal. 665—Conn. 291—Ill. 708—Ky. 93—Minn. 256—N. Y. 862—Ohio 986—Pa. 899—Tex. 280—Canada 193

MUSKEGON TOOL INDUSTRIES, INC.

1316 11th St.
Muskegon, Mich.
Phone: PO 6-5211

Ala. 45—Cal. 894—Colo. 80—Ill. 619—Ind. 3, 522—Iowa 50—Md. 64—Mass. 411—Mich. 219—Minn. 255—N. Y. 412, 1583, 1641—Ohio 644, 1219, 1410, 1597—Okla. 48—Pa. 234, 983—Vt. 19—Wis. 245—Canada 148

MUTUAL MACHINE CO., INC.

8 Loring St.
Hudson, Mass.
Phone: JO 2-3297

(Contact manufacturer direct)

— N —

NADEL TOOL & MFG. CO., INC.

20 Warren St.
New York 7, N. Y.
Phone: CO 7-8236

Wis. 400

NATIONAL ACME CO., THE

170 E. 131st St.
Cleveland 8, Ohio
Phone: GL 1-9080

Ala. 85—Cal. 478, 1330—Colo. 123—Fla. 320—Ga. 64—Idaho 11—Ill. 535—Mich. 556—N. J. 394—N. C. 169—Ore. 82—Tenn. 157—Tex. 285, 733—Utah 104—Wash. 64

NATIONAL AIRCRAFT CORP.

P. O. Box 321
Union, N. J.
Phone: MU 8-4371

Conn. 54, 62—Ill. 139, 1023—N. J. 198, 225, 534—N. Y. 604, 1597, 1643—N. C. 89

NATIONAL AUTOMATIC TOOL CO., INC.

S. 7th & N. Sts.
Richmond, Ind.
Phone: 2-1183

Ala. 158—Cal. 478, 1255—Colo. 142—Fla. 344—Ill. 1050—Iowa 167—La. 158, 210—Md. 185—Mass. 591—Mich. 557—Mo. 96, 361—Neb. 37—N. Y. 288, 658—Ohio 77—Okla. 132—Ore. 157—Pa. 154, 815—Tenn. 38—Tex. 285, 714—Utah 82—Va. 62—Wash. 133

NATIONAL BROACH & MACHINE CO.

5600 St. Jean Ave.
Detroit 13, Mich.
Phone: WA 1-8980

Cal. 246, 891—Colo. 142—D. C. 15—Ill. 1043—Ind. 90, 364, 481—La. 100, 210—Md. 51—Mass. 572—Mo. 432—N. J. 547—N. Y. 1549, 1583—N. C. 19—Ohio 72, 1248, 1632—Okla. 108—Ore. 96—Pa. 394, 1059—Tex. 614—Utah 42—Va. 39—Wash. 132—Canada 44, 288, 455, 496

NATIONAL COMPRESSOR CORP.

933 W. Lake St.
Chicago 7, Ill.
Phone: CH 3-5313

(Contact manufacturer direct)

NATIONAL DIAMOND LABORATORY, INC.

619 South St.
Peekskill, N. Y.
Phone: PE 7-3774

Ga. 233—Ill. 29, 1205—Mass. 216—Mo. 27—N. Y. 1287—Okla. 138—Wis. 94

NATIONAL DIOCHEMICAL CO.

3127 W. Lake St.
Chicago 12, Ill.
Phone: SA 2-0128

(Contact manufacturer direct)

NATIONAL ELECTRIC WELDING MACHINES CO.

1846 N. Trumbull St.
Bay City, Mich.
Phone: TW 3-9505

Ala. 151—Cal. 762, 1042—Colo. 63—Ill. 341—Mass. 656—Mich. 1298—Mo. 599—Ohio 787, 1115—Pa. 161—Tex. 685—Canada 422

NATIONAL FILE CO.

530 N. Cedar St.
Lansing 12, Mich.
Phone: IV 2-7236

(Contact manufacturer direct)

NATIONAL JET CO.

10 Cupler Dr. Lavale
Cumberland, Md.
Phone: PA 2-6500

Ariz. 37, 54, 93—Cal. 115, 442, 499, 606, 610, 644, 1079, 1401, 1407—Colo. 70—Fla. 43—Ill. 203, 483—Ind. 104, 177, 283—La. 32—Mass. 51, 264, 308, 539, 550, 578—Mich. 461, 988—Minn. 67—N. J. 25, 453, 469, 471—N. M. 40—N. Y. 272, 354, 544, 620, 660, 738, 909, 1202, 1646—Ohio 309, 565, 649, 683, 1333—Pa. 310, 884, 943, 973, 1048, 1204—R. I. 67—Tenn. 105—Va. 15, 99—Wis. 368

NATIONAL LOCK WASHER CO., THE

40 Hermon St.
Newark 5, N. J.
Phone: MA 2-8200

(Contact manufacturer direct)

NATIONAL MACHINERY CO.

Greenfield & Staunton Sts.
Tiffin, Ohio
Phone: GI 7-5211

(Contact manufacturer direct)

NATIONAL REFINING CO.

Div. Ashland Oil & Refining Co.
1816 Standard Bldg.
Cleveland 13, Ohio
Phone: PR 1-3400

Ill. 537, 905, 1111, 1112—Ind. 84, 115, 241, 324, 488, 538—Ky. 97—Mich. 560, 882, 994, 1066, 1095, 1132, 1226—Mo. 274, 502—Ohio 29, 30, 971, 1071, 1338, 1508, 1612, 1613—Wis. 314

MANUFACTURERS

NATIONAL SCREW & MFG. CO.

2440 E. 75th St.
Cleveland 4, Ohio
Phone: EN 1-2650
Cal. 650—Ill. 538—Mich. 562—Mo.
187—N. Y. 979—Ohio 688, 792,
1399—Pa. 642, 997

NATIONAL TOOL CO.

11200 Madison Ave.
Cleveland 2, Ohio
Phone: AC 1-4560
Cal. 272, 1245—Colo. 2—Conn.
113—Fla. 272—Ga. 176—Ill. 261,
1002—Ind. 65, 201, 475—Ky. 100,
112—Md. 90—Mass. 373, 645—
Mich. 471, 800, 1324—Minn. 172—
Mo. 603—N. J. 406—N. Y. 151,
1516, 1645—N. C. 247—Ohio 110,
299, 761, 883, 1006, 1362, 1523—
Okla. 132—Pa. 243, 1227, 1228—
S. C. 66—Tex. 326, 752—Wash.
262—Wis. 184—Argentina NC

NATIONAL TWIST DRILL & TOOL CO.

Rochester, Mich.
Phone: OL 1-9531
(See advertisement p. 8-9)
Cal. 651, 1314—Ill. 539—Mich.
563—N. Y. 981—Tex. 277

NATIONAL ULTRASONIC CORP.

111 Montgomery Ave.
Irvington 11, N. J.
Phone: ES 1-0550
Ariz. 109, 126—Cal. 973, 997—
Colo. 131—Conn. 114, 424—Fla.
141—Ga. 255—Hawaii 30—Ill. 99—
Md. 167—Mich. 554—N. Y. 221,
493, 1033—Ohio 940, 1148—Pa.
330, 1126—Tex. 594—Utah 62—
Wash. 131—Canada 137, 524

NAYAN PRODUCTS, INC.

900 N. Sepulveda Blvd.
El Segundo, Calif.
Phone: OR 8-5615
(Contact manufacturer direct)

NEDCO CO.

27 Jones Rd.
Waltham 54, Mass.
Phone: TW 4-1868
(Contact manufacturer direct)

NELSEN INC., E. V.

575 Hope St.
Stamford, Conn.
Phone: FI 8-4275
(Contact manufacturer direct)

NEISE, KARL A.

404 4th Ave.
New York 16, N. Y.
Phone: MU 3-0481
(Contact manufacturer direct)

NELCO TOOL CO., INC.

Subsidiary Brown & Sharpe
Cutting Tool Div.
266 Center St.
Manchester, Conn.
Phone: MI 3-5115
Ala. 158—Ariz. 37, 93, 122—Ark.
23, 27—Cal. 238, 340, 495, 668, 772,
854, 859, 948, 956, 1065, 1105, 1252,
1298, 1432, 1469, 1470, 1478, 1487,
1498, 1517, 1524—Colo. 63, 90, 103
—Conn. 25, 63, 89, 208, 235, 240,
259, 269, 281, 299, 377, 414, 427, 462,
466—Del. 7, 8—D. C. 81, 87—Fla.
68, 93, 158, 171, 228, 253, 274, 344,
351—Ga. 82, 116, 188, 205, 233, 348
—Hawaii 18, 29—Ill. 15, 20, 25,
343, 390, 445, 446, 488, 575, 578,
604, 658, 711, 827, 849, 878, 930,
955, 1093, 1123, 1157, 1195, 1266,
1284—Ind. 33, 67, 127, 412, 425,
553, 572—Iowa 21, 52, 55, 103, 166,
169, 174—Kan. 64, 85—Ky. 25, 98,
149—La. 19, 98, 101, 187, 201—Me.
26—Md. 18, 27, 30, 174—Mass. 59,
61, 133, 208, 221, 280, 281, 319,
325, 349, 500, 531, 556, 623, 670,

676, 692—Mich. 23, 32, 45, 157, 174,
212, 382, 696, 835, 862, 866, 905,
957, 1088, 1098, 1123, 1162, 1191,
1205, 1216, 1262, 1270, 1316, 1324—
Minn. 13, 203, 256, 296—Miss. 43—
Mo. 30, 95, 97, 119, 148, 361, 531,
587, 615—Neb. 37, 50—N. H. 17—
N. J. 49, 242, 292, 379, 413, 462,
471, 494, 544, 572, 616—N. M. 15
—N. Y. 65, 111, 124, 153, 240, 299,
387, 439, 490, 543, 544, 584, 600,
614, 653, 682, 756, 865, 874, 879,
934, 945, 982, 985, 1001, 1006, 1021,
1199, 1245, 1349, 1407, 1408, 1454,
1465, 1591, 1593, 1603, 1643, 1646,
1670—N. C. 33, 75, 135, 146, 176,
177, 180, 194, 199, 215, 227, 237,
246, 251—N. D. 15—Ohio 22, 105,
383, 545, 822, 979, 1092, 1093, 1161,
1208, 1216, 1391, 1419, 1486, 1519,
1550, 1552, 1641, 1684, 1715—Okla.
3, 29, 39, 129—Ore. 76, 157, 204—
Pa. 33, 72, 88, 167, 188, 228, 274,
333, 346, 399, 416, 447, 503, 699,
735, 809, 815, 839, 998, 1084, 1105,
1145, 1161, 1175, 1255, 1271, 1324—
R. I. 9, 20, 28, 42, 45, 52, 60, 64,
66, 67, 69, 74—S. C. 2, 4, 16, 39,
59, 80, 85—Tenn. 29, 36, 47, 170,
242, 259—Tex. 5, 33, 116, 141, 252,
476, 693, 766, 829, 891—Utah 3, 46,
82—Va. 15, 29, 59, 63, 106, 120,
146, 159—Wash. 218, 245—W. Va.
18, 84—Wis. 117, 267, 368, 413, 455

NELSON STUD WELDING

Div. Gregory Industries, Inc.
Toledo Ave. & 28th St.
Lorain, Ohio
Phone: CH 5-6931
Ala. 97—Cal. 653, 1431—Colo. 140
—D. C. 60—Fla. 13—Ga. 186—Ill.
543—La. 147—Mich. 564—Minn.
197—Mo. 188, 504—N. J. 454—
N. Y. 984, 1532—Ohio 332, 793,
1405, 1615—Pa. 1001, 1194—Tex.
279, 669—Wash. 196—Wis. 320—
Canada 373, 564

NELSON TEMPLATE CO.

223 N. Cedar
Glendale 6, Calif.
Phone: CI 1-1953
(Contact manufacturer direct)

NESSEN DIAMOND TOOL CORP.

111 Lake Ave.
Tuckahoe 7, N. Y.
Phone: WO 1-9153
Ala. 98—Cal. 1407—Colo. 131—
Conn. 409, 425—Ga. 188—Ill. 849,
1148, 1168—Ind. 352—Kan. 95—
Ky. 103—La. 171—Mass. 329, 650
—Mich. 833, 1011, 1222, 1317—
Minn. 100—Mo. 488—N. Y. 42,
363, 450, 1256, 1408, 1454—N. C.
135, 187—Ohio 327, 786, 1237, 1531,
1611—Okla. 29, 129—Pa. 752, 992
—Tex. 472—Vt. 18—Va. 39, 59, 63
—Wis. 96

NEUBER INDUSTRIAL DIAMOND CO.

791 Tremont St.
Boston 18, Mass.
Phone: CO 7-0425
(Contact manufacturer direct)

NEW BRITAIN MACHINE CO., THE

New Britain-Gridley Machine Div.
South St.
New Britain, Conn.
(Contact manufacturer direct)

NEW BRITAIN TOOL & MFG. CO., INC.

10 Harvard St.
New Britain, Conn.
Phone: BA 9-1957
(Contact manufacturer direct)

NEW DEPARTURE DIV. General Motors Corp.

269 N. Main St.
Bristol, Conn.
Phone: LU 2-6371

Ariz. 76—Cal. 60, 654—Conn. 67—
Fla. 14—Ill. 544, 1001—Ind. 330—
Kan. 22—Mass. 128—Mich. 567—
Minn. 199—Mo. 505—N. Y. 986,
1533—N. C. 101—Ohio 333, 794—
Pa. 73—Wis. 321

NEW ENGLAND BUTT CO. Div. of Wanskuck Co.

304 Pearl St.
Providence 7, R. I.
Phone: GA 1-1900
(Contact manufacturer direct)

NEW ENGLAND MACHINE & TOOL CO.

Farmington Ave.
Berlin, Conn.
Phone: VA 8-3519
Ala. 112—Cal. 686, 1134—Conn.
475—Fla. 127—Ill. 597—Mass. 235,
348—Mich. 610—Mo. 517—N. Y.
464, 1336—N. C. 109—Ohio 360,
833, 909—Pa. 669, 1042—Tex. 326,
682

NEW ENGLAND TAP CO., INC.

Endicott St.—P. O. Box 420
Norwood, Mass.
Phone: NO 7-4100
Conn. 220—Fla. 210—Ga. 82—Ill.
184, 393, 395, 992—Ind. 257—Md.
32—Mass. 578—Mich. 118, 773—
Minn. 172—Mo. 244, 568—N. J.
42—N. Y. 454, 779—N. C. 65—
Ohio 415, 831, 987, 1291—Pa.
897—R. I. 14—Tex. 329—Wis.
106—Canada 601

NEW ENGLAND TUBULAR RIVET, INC.

97 Buckingham Ave.
Milford, Conn.
Phone: TR 8-1910
(Contact manufacturer direct)

NEW HERMES ENGRAVING MACHINE CORP.

154 W. 14th St.
New York 11, N. Y.
Phone: WA 4-7373
Cal. 655—Ill. 545—Canada 565

NEW JERSEY ZINC CO., THE

160 Front St.
New York 38, N. Y.
Phone: WH 3-5700
Cal. 656, 930—Ill. 546—Mass. 129
—Ohio 796

NEW YORK & NEW JERSEY LUBRICANT CO.

292 Madison Ave.
New York 17, N. Y.
Phone: LE 2-2851
Ala. 170—Conn. 77, 88—Ill. 62, 661
—Ky. 6—Mass. 311—Mich. 750—
Mo. 420—N. H. 2—N. J. 5—N. Y.
52, 1423—N. C. 126, 189—Ohio
1000—Pa. 267, 1233—S. C. 3, 58, 79

NEW YORK TWIST DRILL CO., INC.

276 Lafayette St.
New York 12, N. Y.
Phone: WO 6-0551
Cal. 657—Colo. 89—Ill. 548—Mass.
380—N. Y. 988

NEWAGE INDUSTRIES, INC.

222 York Rd.
Jenkintown, Pa.
Phone: TU 4-8494
(Contact manufacturer direct)

NEWCOMER PRODUCTS, INC.

Latrobe, Pa.
Phone: CH 1-4060
Ala. 211—Cal. 275, 1094—Conn.
101—Ill. 1191, 1299—Ind. 124, 246,
349—Iowa 77—Ky. 112—Mich. 388
—Minn. 174—Mo. 518—N. Y. 1583
—Ohio 111, 707, 1412—Pa. 195,
299, 897—Tex. 614—Wash. 253—
Wis. 290

NEWMAN TOOL DIE & MACHINE WORKS, L.

1001 24st St.
Oakland 7, Calif.
Phone: TE 2-5523
Ala. 158—Cal. 616, 1252, 1296—
Colo. 80—Conn. 269—Ill. 238—Ind.
83, 280—Mass. 692—Mich. 390—
N. J. 510—N. Y. 1086—N. C. 33—
Ohio 287, 545, 1059, 1550—Pa. 254
—Tenn. 122—Tex. 620—Utah 48—
Wash. 69, 218, 372—Wis. 91, 351

NEWTON HYDRAULIC TOOLING CO., INC.

Sword St.
Auburn, Mass.
Phone: PL 6-5172
Cal. 243—Conn. 254—Fla. 6—Ill.
20 728A, 889—Ind. 224—Kan.
92—Me. 25—Md. 90—Mass. 400,
668—Mich. 356, 819—Mo. 57, 302—
N. J. 392—N. Y. 139, 1377, 1424,
1466—N. C. 169—Ohio 265, 968,
1197, 1635—Utah 84—Wash. 141—
Wis. 414—Canada 380

NIAGARA CUTTER DIV. Bollier-Damerell, Inc.

330 Niagara St.
N. Tonawanda, N. Y.
Phone: LU 8400
(Contact manufacturer direct)

NIAGARA MACHINE & TOOL WORKS

683 Northland Ave.
Buffalo 11, N. Y.
Phone: TA 4070
Ala. 92—Cal. 615, 1517—Colo. 131
—Fla. 68, 158, 253, 344—Ga. 188—
Ill. 290, 1156, 1219—Ind. 331, 520—
Mass. 537—Mich. 568, 1363—Minn.
231—Mo. 191, 508—N. Y. 292, 990,
1371, 1417, 1562—N. C. 122, 180,
194—Ohio 387, 798, 1088, 1275—
Pa. 1283—S. C. 4—Tenn. 38, 250—
Tex. 216, 616—Utah 62—Va. 120—
Wis. 201

NICE BALL BEARING CO. Div. of Channing Corp.

30th & Hunting Park Ave.
Philadelphia 40, Pa.
Phone: BA 3-6000
Ill. 1051—Mich. 569—Tex. 105

NICHOLAS EQUIPMENT CO.

N. Buckeye & Lincoln
Bellevue, Ohio
Phone: 2-2201
(Contact manufacturer direct)

NICHOLS CO., W. H.

48 Woerd Ave.
Waltham, Mass.
Phone: TW 4-0650
Ala. 87, 92—Ariz. 37—Ark. 23—
Cal. 383, 532, 1517—Colo. 80, 142—
Conn. 256, 467—Fla. 43, 174, 272
—Ga. 221, 248—Idaho 11—Ill. 168,
206, 849, 880, 1033—Ind. 245, 298
—Iowa 130—Kan. 84—Ky. 85—La.
100, 158, 207, 210—Md. 15—Mass.
421—Mich. 394—Minn. 94, 119—
Mo. 95, 96, 302—Neb. 37—N. J.
255, 434, 435—N. M. 15—N. Y.
153, 443, 611, 654, 682, 745, 1199,
1213, 1562—N. C. 87—Ohio 648,
1275, 1373—Okla. 24, 108, 138—
Ore. 96—Pa. 521, 702, 815, 1106—
Tenn. 75—Tex. 249, 695, 766—
Utah 46—Wash. 132—Canada 284,
398, 401, 422

NICHOLS-MORRIS CORP.

76 Mamaroneck Ave.
White Plains, N. Y.
Phone: WH 8-0060
(Contact manufacturer direct)

NICHOLSON FILE CO.

Providence 1, R. I.
Phone: GE 8-2200
Cal. 658—N. J. 150

NIELSEN, INC.

Lawton, Mich.
Phone: LA 2151
Ala. 94, 158—Cal. 431, 894—Colo.
80, 129, 195—Conn. 239—Ga. 95,
248—Ind. 280—Md. 16—Mich.
1109, 1121, 1222—Minn. 94, 203,
231, 233, 254—Mo. 361—Neb. 37,
50—N. J. 598—N. Y. 290, 297, 450,
1322, 1465, 1603—N. C. 33, 135,
234—Ohio 6, 156, 287, 292, 487,
915, 1022, 1533, 1552, 1622, 1737—
Okla. 99, 129—Pa. 468, 839, 903,
1028, 1084, 1131, 1272—R. I. 14—
Tex. 766—Va. 120, 153—Canada
434, 606

NIKKON, INC.

111 5th Ave.
New York 3, N. Y.
Phone: OR 4-7970
Cal. 996, 1371—Colo. 102—Conn.
308—Fla. 322—Ill. 549—Ind. 478—
Kan. 114—Mass. 191—Minn. 256—
Mo. 226—Neb. 44—N. Y. 452,
1333—N. C. 19—Ohio 1344—Pa.
55—Utah 3—Wash. 244

NILSON MACHINE CO., THE A. H.

Bridgeport Ave.
Shelton, Conn.
Phone: WA 9-1433
Cal. 93, 764—Conn. 49, 358, 505—
Ill. 314—Ind. 254—Md. 113—Mich.
516—N. J. 17—Ohio 908—Pa. 1219
—Wis. 207—Canada 187, 546

NIROL MFG. CO.

900 Route 22
North Plainfield, N. J.
Phone: PL 6-5595
Ind. 54, 148, 472, 561—N. J. 40—
Ohio 487—Pa. 179, 321, 471, 792,
1293—Tenn. 15, 63, 77, 229—
W. Va. 16, 54, 73, 79

NOBLE & WESTBROOK MFG. CO.

20 Westbrook St.
East Hartford 8, Conn.
Phone: BU 9-2717
Ala. 127—Ariz. 52—Cal. 49, 459—
Ill. 290, 1002—Ind. 152—La. 100—
Mich. 819—Minn. 243—N. J. 392—
N. Y. 1166, 1396, 1502—N. C. 213
—Ohio 786, 1263, 1622—Pa. 992,
1174—Tenn. 157—Tex. 116, 216,
249, 601—Wis. 134—Canada 434,
606

NOBUR MFG. CO.

6860 Farndale Ave.
North Hollywood, Calif.
Phone: TR 7-0539
Ariz. 178—Cal. 49, 926, 1241—
Colo. 80—Conn. 97, 393—Fla. 178
—Ga. 231—Ill. 14, 161, 237, 430,
578, 1115, 1168—Ind. 61, 194, 544—
Iowa 21, 66, 130—Kan. 2, 102—
Md. 32, 51—Mass. 137, 675—Mich.
17, 20, 385, 653, 958, 1103, 1147,
1252, 1267, 1345—Minn. 124, 203,
255—Mo. 119, 160—Neb. 13, 37—
N. J. 42, 242, 469, 597—N. M. 33—
N. Y. 57, 124, 363, 1304, 1574, 1646
—N. C. 75, 113, 213—Ohio 35, 123,
976, 979, 1157, 1622, 1729—Okla.
24—Ore. 91—Pa. 188, 234, 496, 620,
903—R. I. 48—Tenn. 225—Tex.
353, 787, 860—Utah 3, 26—Va.
73, 155, 167—Wash. 69—Wis. 354,
356, 415—Canada 171

NORGREN CO., C. A.

3400 S. Eliot St.
Englewood, Colo.
Phone: SU 1-5583
Ala. 8—Ariz. 8—Cal. 85, 1512—
Colo. 208—Conn. 16—Hawaii 5—
Ill. 552—Ind. 85—Kan. 14—Ky.
129—La. 201—Md. 37—Mich. 555
—Minn. 224—Mo. 573—N. J. 602—
N. Y. 235, 1487—N. C. 82—Ohio
956, 1236—Okla. 35—Ore. 158—
Pa. 1005, 1242—Tex. 313—Wash.
288—Wis. 409—Canada 53, 407,
483

NORMA-HOFFMANN BEARINGS CORP.

Hamilton Ave.
Stamford, Conn.
Phone: FI 8-3731
Cal. 751, 1365—Colo. 193—Fla. 101
—Ill. 550—Mich. 570—Mo. 238—
Ohio 334, 799—Ore. 182—Pa. 643
—Tex. 351—Wash. 267

NORTH AMERICAN PRODUCTS CORP.

707 Bartley St.-Box 291
Jasper, Ind.
Phone: 1161
Ill. 608—Kan. 44—Mass. 521—
Mich. 571, 910—Minn. 243—N. Y.
80, 545—N. C. 238—Ohio 338—Pa.
371—Tex. 569—Va. 65—Wis. 444

NORTH AMERICAN VIKING DRILL CO.

470 Kittson St.
St. Paul 1, Minn.
Phone: CA 4-9428
Cal. 659—Ga. 189—Ill. 553—Ind.
333—Mass. 231—Mich. 572—Minn.
316—N. Y. 293, 992—Ohio 800—
Ore. 140—Tex. 281

NORTHFIELD FOUNDRY & MACHINE CO.

Northfield, Minn.
Phone: NI 5-5641
Ark. 31—Cal. 785, 906, 1228—D. C.
6—Fla. 103, 221—Ga. 352—Ill. 811
—Mass. 79—Minn. 209—N. J. 185
—N. Y. 703, 729, 1594—Pa. 500
—Wis. 266

NORTHWEST CHEMICAL CO.

9310 Roselawn Ave.
Detroit 4, Mich.
Phone: TE 4-2500
Cal. 331—Ill. 1052—Ind. 334—
Iowa 71—Mich. 8, 574, 811, 1151,
1161, 1366—N. J. 304—N. Y. 1534
—N. C. 174—Ohio 1514, 1681, 1719
—Wis. 327—Canada 375

NORTHWESTERN TOOLS, INC.

117 Hollier Ave.
Dayton 3, Ohio
Phone: CL 3-4142
(See advertisement p. 22)
Ariz. 37—Cal. 238, 953, 1079, 1134
—Colo. 58—Conn. 393—Del. 7—
Fla. 384—Ill. 161, 230, 434, 1177—
Ind. 223, 499, 544—Iowa 10, 171—
Kan. 84—Ky. 83—Md. 51—Mass.
17, 533—Mich. 728, 908, 1097—
Minn. 124—Mo. 84—N. J. 18—
N. M. 15—N. Y. 100, 272, 424, 442,
544, 644, 685—N. C. 213—Ohio
544, 545, 1161, 1443, 1606—Okla.
24, 99—Pa. 103, 190, 757—Tenn.
262—Tex. 243, 330, 472, 695—Utah
26—Wis. 56, 363—Canada 148, 492

NORTON CO. Abrasive Div.

1 New Bond St.
Worcester 6, Mass.
Phone: SW 8-2511
(See advertisement p. 33)
Ala. 4, 158, 160, 195, 205, 208—
Ariz. 39, 45, 178—Ark. 11, 21, 40
—Cal. 263, 473, 503, 606, 860, 1056,
1199, 1252, 1298, 1408—Colo. 131,
221—Conn. 18, 25, 212, 269, 281,
427, 469—Del. 7—D. C. 16—Fla.
34, 88, 186, 272, 298, 336, 350, 364
—Ga. 2, 3, 116, 233, 291, 294, 333,
352, 360, 364—Idaho 12, 32—Ill.
20, 40, 230, 345, 361, 556, 658, 706,
836, 850, 930, 1007, 1011, 1071,
1093, 1130, 1181, 1268, 1285—Ind.
44, 83, 127, 335, 425, 456, 458, 553,
563, 566, 570—Iowa 8, 15, 96, 110,
144, 147, 150, 156, 166, 180, 181—
Kan. 1, 53, 120—Ky. 16, 26, 98,
144, 149—La. 1, 17, 32, 154, 170,
204, 217—Me. 8, 11, 26—Md. 27,
162—Mass. 59, 61, 283, 294, 319,
325, 328, 343, 448, 533, 646, 676,
689, 692—Mich. 1, 32, 40, 390, 575,
728, 866, 959, 979, 1076, 1098, 1139,
1156, 1202, 1216, 1262, 1266, 1273,
1340—Minn. 1, 15, 90, 290—Miss.

2, 4, 10, 18, 36—Mo. 1, 3, 32, 96,
282, 507, 559, 613, 616, 617—Mont.
24, 29, 32—Neb. 10, 23—Nev. 4—
N. H. 17—N. J. 37, 225, 242, 351,
413, 532, 576—N. M. 15—N. Y.
57, 63, 66, 111, 124, 135, 153, 206,
299, 445, 543, 597, 600, 682, 1086,
1162, 1276, 1349, 1414, 1417, 1518,
1562, 1592, 1597—N. C. 2, 9, 33,
148, 176, 195, 208, 227, 233, 236,
245, 246—N. D. 5—Ohio 2, 26, 81,
90, 99, 126, 287, 545, 801, 822, 1059,
1210, 1358, 1391, 1419, 1519, 1550,
1606, 1715, 1728, 1739—Okla. 32,
89, 120—Ore. 2, 5, 13, 32, 91, 208
—Pa. 33, 105, 140, 163, 169, 192,
271, 305, 332, 346, 433, 580, 644,
735, 889, 1004, 1028, 1081, 1162,
1230, 1271, 1324—R. I. 64—S. C.
6, 17, 48, 83—S. D. 7, 12—Tenn.
1, 3, 36, 67, 102, 122, 225—Tex. 11,
48, 58, 63, 73, 170, 275, 306, 415,
472, 492, 680, 754, 792, 812, 822,
831, 814, 832, 834, 870, 880, 891,
897, 904—Utah 62, 82—Vt. 2, 5—
Va. 15, 43, 63, 99, 153, 167, 169—
Wash. 2, 69, 349, 356, 375—W. Va.
3, 4, 36, 47, 48, 57, 67, 74, 91—Wis.
10, 52, 70, 77, 83, 89, 368, 387

NORTON CO.

Gould & Eberhardt Div.
1 New Bond St.
Worcester 6, Mass.
Phone: SW 8-2511
Ala. 85—Cal. 532, 1255—Colo. 90—
Conn. 476—Fla. 43—Ga. 61—
Hawaii 14—Ill. 483—Ind. 298—
La. 171, 207—Mass. 143—Mich.
833—Minn. 284—Mo. 569—Neb. 50
—N. Y. 321, 1036, 1549—Ohio 327,
786—Ore. 82—Pa. 702, 992—Tenn.
33—Tex. 208, 601—Utah 82—Va.
62—Wash. 132

NORTON CO.

Machine Div.
New Bond St.
Worcester, Mass.
Phone: SW 8-2511
Ala. 158—Cal. 59, 642, 1410—Colo.
131—Conn. 469, 476—Fla. 272—
Ill. 483, 556—Ind. 360—La. 171,
207—Mich. 575, 833—Minn. 231—
Mo. 96, 508—Neb. 44—N. Y. 321,
893, 1036, 1356, 1538—N. C. 169—
Ohio 327, 786, 801—Ore. 82—Pa.
992, 1282—Tex. 195, 415, 732—
Utah 62—Va. 39, 153—Wash. 259

NORTON CO.

Refractories Div.
New Bond St.
Worcester 6, Mass.
Phone: SW 8-2511
Cal. 263—Ill. 556—Mass. 673—
Mich. 575—N. J. 552—N. Y. 1489
—Ohio 801, 1274—Pa. 644, 1004—
Tenn. 34—Tex. 588

NOVI TOOL & MACHINE CO.

25806 Novi Rd.
Novi, Mich.
Phone: FI 9-2522
Cal. 340—Ind. 491—Mass. 431—
Mo. 398—N. Y. 882, 1314—Ohio
1380—Tex. 387—Wis. 409, 414

NU-MATIC GRINDERS, INC.

875 E. 140th St.
Cleveland 10, Ohio
Phone: UL 7-7171
Ala. 98—Ariz. 81—Ark. 13—Cal.
616, 670, 1298, 1432—Colo. 195—
Conn. 25, 170, 269, 305—Del. 7—
D. C. 24—Fla. 179—Ga. 205—
Idaho 11—Ill. 295, 394, 1007—Ind.
425—Iowa 21, 118—Kan. 123—Ky.
89, 98, 149—La. 181—Me. 26—
Md. 120—Mass. 13, 59—Mich. 496,
617, 958—Minn. 283—Miss. 25—
Mo. 57, 488—Mont. 31—Neb. 37—
Nev. 9—N. H. 17—N. J. 325, 568
—N. M. 15—N. Y. 758, 831, 1124
—N. C. 135—Ohio 383, 448, 1059,
1540—Okla. 24—Ore. 139—Pa.
621, 735, 884, 1081—R. I. 28—
S. C. 17—S. D. 10—Tenn. 36—

Tex. 472—Utah 18—Va. 63—
Wash. 69—W. Va. 34—Wis. 197

NUGENT & CO., INC., WM. W.

3440 Cleveland St.
Skokie, Ill.
Phone: OR 4-8121
Ariz. 56—Cal. 613, 1114, 1393—
Colo. 44—Hawaii 18—La. 103—
Mass. 544—Mich. 439—Mo. 406—
N. Y. 759—Ohio 220, 520—Okla.
79—Pa. 862, 1249—Tex. 613—Utah
40—Wash. 98—Canada 3, 13, 49,
101, 319, 517, 625

NUGIER CO., F. A.

6374 Arizona Circle
Los Angeles 45, Calif.
Phone: OR 8-6274
Cal. 59, 500, 760, 1035, 1410—Ore.
179—Tex. 195—Wash. 259, 347

NUPLA MFG. CO.

Div. of New Plastic Corp.
1026 N. Sycamore Ave.
Los Angeles 38, Calif.
Phone: HO 9-1493
Cal. 56, 288, 660—Colo. 157—Fla.
391—Ga. 15—Ill. 666—Ind. 188—
Iowa 184—Kan. 106—La. 209—
Md. 210—Mass. 131—Mich. 682,
961—Minn. 265—Mo. 470, 471—
N. Y. 527, 1170—N. C. 65—Ohio
438, 879—Pa. 159—Tenn. 133—
Tex. 186, 302—Utah 12—Wash.
235—Wis. 257

NYLOK CORP., THE

611 Industrial Ave.
Paramus, N. J.
Phone: CO 1-9400
Ariz. 62—Cal. 152—Conn. 148—
Ill. 1258—Ind. 336—Mich. 367—
Minn. 54—Mo. 571—N. Y. 73, 1265
—Ohio 320, 1001—Pa. 156, 312
—Tex. 484—Wash. 6—Wis. 403

— O —

O.K. RUBBER WELDERS, INC.

Mfg. Div.
501 Rio Grande Ave.
Littleton, Colo.
Phone: PY 4-6311
Ariz. 37, 122—Cal. 49, 51, 82, 220,
238, 273, 340, 432, 442, 450, 513,
545, 616, 757, 807, 846, 907, 971,
978, 994, 1018, 1035, 1053, 1079
1080, 1105, 1191, 1241, 1255, 1308,
1364, 1407, 1416, 1473, 1589—Colo.
4, 9, 55, 63, 72, 80, 120, 131, 142,
148—D. C. 24—Ill. 20, 460, 634,
1179—Iowa 25, 49—Kan. 40, 84—
Md. 51, 121—Minn. 296—Mo. 97,
119—Ohio 141, 189, 265, 292, 298,
331, 439, 982, 1499, 1500—Pa. 1272
—Utah 79—Wis. 16, 204, 319, 416

OK TOOL CO., INC., THE

Milford, N. H.
Phone: 25
(See advertisement p. 509)
Conn. 12—Ga. 165—Ill. 561—Ind.
195—Iowa 4—Mass. 668—Mich.
577—N. Y. 339, 398, 487—Ohio
840, 1511—Pa. 260, 909

OKAITE PRODUCTS, INC.

58 Rector St.
New York 6, N. Y.
Phone: WH 3-0940
Ala. 99, 204—Ariz. 77—Ark. 1—
Cal. 188, 661, 1058, 1128, 1316, 1411
—Colo. 141—Conn. 74, 85, 117,
194, 500—Del. 13—Fla. 102, 202—
Ga. 190—Ill. 557, 851, 871, 1113,
1190—Ind. 42, 87, 337, 444, 480,
541, 567—Iowa 30, 72, 129, 163—
Kan. 63, 108—Ky. 99—La. 44, 149,
206—Me. 14—Md. 110—Mass. 232,
338, 397, 606, 674—Mich. 578, 884,
999, 1133, 1254—Minn. 17, 204, 319
—Miss. 26—Mo. 31, 192, 509, 619
—Mont. 13—Neb. 55—N. H. 18,
30—N. J. 14, 59, 81, 95, 101, 270,

MANUFACTURERS

OAKITE PRODUCTS, INC. (cont.)

291, 320—N. Y. 24, 67, 295, 446, 633, 993, 1191, 1326, 1605, 1647—N. C. 5, 104, 175, 240—Ohio 337, 804, 1072, 1111, 1243, 1339, 1403, 1616, 1720—Okla. 36, 47, 143—Ore. 141—Pa. 27, 104, 125, 210, 324, 408, 646, 1008, 1159, 1179—R. I. 61—S. C. 57—Tenn. 94, 182, 251—Tex. 21, 47, 72, 283, 462, 672, 826, 868, 889, 896—Utah 67—Vt. 7—Va. 1, 9, 160—Wash. 203, 339—W. Va. 10, 64, 85—Wis. 55, 67, 82, 331—Canada 376

OBERG MFG. CO., INC.

Silverville Rd.
Tarentum, Pa.
Phone: AC 6-1000
Ariz. 106—Cal. 411, 1077—Pa. 1198

OCTAVIA TOOL & GAGE CO.

3320 N. Kedzie Ave.
Chicago 18, Ill.
Phone: CO 7-6695
(Contact manufacturer direct)

OHIO FORGE & MACHINE CORP.

3010 Woodhill Rd.
Cleveland 4, Ohio
Phone: GA 1-5200
(Contact manufacturer direct)

OHIO GEAR CO., THE

1333 E. 179th St.
Cleveland 10, Ohio
Phone: KE 1-0607
Ariz. 135—Ark. 6—Cal. 633, 1513—Conn. 342—Fla. 363—Ga. 126—Ill. 15, 97, 199, 651—Ind. 438, 545—Iowa 64—Ky. 68—La. 177—Md. 171—Mich. 17, 498, 552, 862, 981, 1011, 1106, 1319—Minn. 182—Mich. 17, 498, 552, 862, 981, 1011, 1106, 1319—Minn. 182—Mo. 271, 388, 481—N. J. 576—N. Y. 144, 307, 718, 1005, 1257, 1568—N. C. 234—Ohio 22, 316, 417, 1034, 1143, 1340, 1467—Ore. 134, 211—Pa. 135, 690, 687, 1084, 1162—R. I. 46—Tenn. 170—Tex. 509—Vt. 24, 106—Wash. 17, 289, 369—Wis. 261—Canada 96, 502

OHIO KNIFE CO., THE

Dremar Ave. & B. & O. RR
Cincinnati 23, Ohio
Phone: KI 1-1623
Ala. 198—Cal. 663, 934—Ga. 328—Ill. 559—Mass. 452—Mich. 580—N. Y. 659—Ohio 1007—Ore. 21, 144—Pa. 1009—S. C. 23—Tenn. 184—Wash. 206—Wis. 334

OHIO SEAMLESS TUBE

Div. of Copperweld Steel Co.
Shelby, Ohio
Ala. 101—Cal. 820—Colo. 122—Fla. 159—Ill. 983, 1053—Kan. 95—La. 34—Mich. 1073—Minn. 304—Mo. 167, 413—N. Y. 789, 994, 1392—N. C. 43—Ohio 807, 1245—Okla. 77—Pa. 1010, 1284—Tex. 769—Utah 26—Wash. 207

OIL-DYNE, INC.

2115 W. Marquette Rd.
Chicago 36, Ill.
Phone: HE 4-2300
Cal. 327, 1366—Colo. 195—Conn. 298—Fla. 74—Ill. 551—Ind. 540—Iowa 70—La. 10—Mass. 666—Mich. 342—Minn. 200—Mo. 37, 626—N. J. 96, 186—N. Y. 714—N. C. 84—Ohio 836, 1272—Pa. 789—S. C. 9—Tex. 536, 539—Wash. 269—Wis. 325—Canada 208

OIL-RITE CORP.

2318 Waldo Blvd.
Manitowoc, Wis.
Phone: 2-2428
(Contact manufacturer direct)

OILGEAR CO., THE

1560 W. Pierce St.
Milwaukee 4, Wis.
Phone: MI 5-6715
Cal. 664—Ill. 560, 1192—Mich. 581—N. J. 139—N. Y. 298—Ohio 341, 809—Tex. 673—Wash. 208

OKUN CO., INC., A. L.

109-02 Van Wyck Expresswy.
S. Ozone Park 20, N. Y.
Phone: JA 9-4754
(Contact manufacturer direct)

OLIVER CORP., THE

A. B. Farquhar Div.
142 N. Duke St.
York, Pa.
Phone: 7801
Cal. 262, 723, 1308, 1453—Conn. 476—Ill. 378—Ind. 235—Mass. 147, 614—Mich. 394, 765—Minn. 323—Mo. 448—N. Y. 321, 1036, 1549—Okla. 24—Pa. 751, 973, 1049—Tenn. 253—Tex. 11, 766—Utah 104—Wash. 64—Wis. 353

OLIVER GEAR & MACHINE CO., INC.

1120 Niagara St.
Buffalo 13, N. Y.
Phone: TT 5-1080
N. Y. 231—Ohio 20, 1706—Pa. 144, 223, 252

OLIVER MACHINERY CO.

445 6th St., NW.
Grand Rapids 2, Mich.
Phone: GL 6-1592
Cal. 200, 574, 1532—Ga. 131—Ill. 562, 1021—Ind. 486—La. 130—Md. 177—Mass. 444—Mich. 407, 1008—Minn. 206—Mo. 276, 511—N. J. 167—N. Y. 478, 996, 1164—Ohio 716, 1015—Ore. 179—Pa. 1127, 1248—Tex. 274—Utah 48—Vt. 21—Wash. 259, 347—Wis. 31

OLIVETTI CORP. OF AMERICA

Machette Tool Div.
42-33 Northern Blvd.
Long Island City 1, N. Y.
Phone: RA 1-7575-8

(See advertisement p. 306)

Cal. 723—D. C. 38—Fla. 33—Ill. 754—Ind. 254—Mass. 466—Mich. 490—N. Y. 257—N. C. 19—Ohio 621—Okla. 99—Ore. 157—Pa. 1087—Utah 26—Wis. 455

OLOFSSON CORP., THE

2727 Lyons Ave.
Lansing 9, Mich.
Phone: TU 2-0265
Ill. 243—Ind. 389—Mich. 171—Mo. 97—N. J. 104—N. Y. 170—Ohio 370, 765—R. I. 56

O'NEIL-IRWIN MFG. CO.

625 8th Ave.
Lake City, Minn.
Phone: 6301
Cal. 291—Ga. 191—Ill. 491—Kan. 59—N. J. 302—Va. 14

O'NEIL & KNUDSEN TOOL CO.

10829 Fawcett Ave.
El Monte, Calif.
Phone: GI 4-6184
Cal. 146, 229, 513, 545, 606, 616, 807, 994, 1010, 1013, 1400, 1533, 1576—Fla. 184

ONSRUD CUTTER MFG. CO.

800 E. Broadway
Libertyville, Ill.
Phone: LI 2-1560
Ala. 45—Ariz. 58—Cal. 453, 1241—Colo. 183—Conn. 220—Fla. 272—Ga. 82—Ill. 608—Ind. 236—Kan. 98—Ky. 28—Mass. 333—Mich. 394, 963—Minn. 327—Mo. 95, 586—Neb. 37—N. Y. 290, 579—Ohio 648—Okla. 725—Pa. 641—Tenn. 242—Tex. 330—Utah 3—Wash. 244—Canada 322

ONSRUD MACHINE CO.

7720 N. LeHigh
Niles 48, Ill.
Fla. 272—Ga. 61—Mass. 333—Mich. 394—Mo. 586—N. Y. 579, 1578—N. C. 169—Ohio 648—Tex. 280

ONSRUD MACHINE WORKS, INC.

Machine Tool Div.
7720 N. LeHigh Ave.
Niles 48, Ill.
(Contact manufacturer direct)

OPTICAL GAGING PRODUCTS, INC.

26 Forbes St.
Rochester 11, N. Y.
Phone: FA 8-9090
Cal. 730, 957, 1518—Colo. 70—Conn. 211—Fla. 164—Ga. 89—Ill. 567—Ind. 237—Iowa 19—Mass. 443—Mich. 288, 1163—Minn. 124—Mo. 432—N. J. 163—N. Y. 272, 1337, 1428—N. C. 247—Ohio 840, 1306—Pa. 295, 424—Tenn. 123—Tex. 118, 522—Wash. 253—Wis. 220—Canada 88, 207, 431, 476, 604

OPTO-METRIC TOOLS, INC.

137 Varick St.
New York 13, N. Y.
Phone: OR 5-9076
(Contact manufacturer direct)

ORANGE ROLLER BEARING CO., INC.

557 Main St.
Orange, N. J.
Phone: OR 3-6161
Ala. 103—Alaska 3—Cal. 751, 1365—Colo. 193—Conn. 210, 426—Fla. 98, 196—Ga. 181—Hawaii 21—Ill. 906, 1143—Ind. 25—Ky. 33—La. 99—Me. 12—Md. 105—Mass. 182, 624—Mich. 1050—Mo. 238, 519—N. J. 417—N. Y. 34, 69, 1081, 1370, 1561, 1611—N. C. 95—Ohio 122, 261—Pa. 634, 838—R. I. 72—Tenn. 15—Tex. 351—Va. 108—Wash. 267—Wis. 118—Canada 303, 577, 618

ORBAN CO., INC., KURT

34 Exchange Pl.
Jersey City 2, N. J.
Phone: HE 2-3800
Cal. 453, 1004—Ill. 1066, 1149—Ind. 245—Mass. 333—Mich. 473—Minn. 198—Ohio 813—Va. 10—Wash. 282

ORTMAN-MILLER MACHINE CO., INC.

19 - 143rd St.
Hammond, Ind.
Phone: WE 1-1710
Ala. 150—Cal. 942, 1506—Conn. 196—Ga. 39—Ill. 552—Ind. 491—Mass. 271, 621—Mich. 374—Minn. 224—Mo. 398—N. J. 96, 186—N. Y. 1314—Ohio 858, 1691—Ore. 164—Pa. 908—S. C. 54—Tex. 387, 775—Utah 102—Wash. 237—Wis. 294—Canada 380

ORVAC PRODUCTS, INC.

201 N. Madison St.
Rockford, Ill.
Phone: WO 8-3588
(Contact manufacturer direct)

OSBORN MFG. CO.

5401 Hamilton Ave.
Cleveland 14, Ohio
Phone: EN 1-1900
Cal. 667—Ill. 564—Mich. 583—N. Y. 999—Ohio 814—Pa. 1015

OTTEMILLER CO., WM. H.

Pattison St. & M. & P. RR
York, Pa.
Phone: 8-2945
(Contact manufacturer direct)

OVEE GAUGE CO.

3626 W. Slauson Ave.
Los Angeles 43, Calif.
Phone: AX 2-8988
Cal. 719—Ill. 648—Minn. 280—N. Y. 1043

OVERTON GEAR & TOOL CORP.

324 Interstate Rd.
Addison, Ill.
Phone: KI 3-9570
(Contact manufacturer direct)

— P —

P I C DESIGN CORP.

477 Atlantic Ave.
East Rockaway, N. Y.
Phone: LY 3-6470
Cal. 1565—D. C. 84—Fla. 47—Ill. 747—Ind. 311—Mass. 180—Mich. 412—Minn. 157—Mo. 105, 397—N. Y. 420, 421, 422, 1082—Ohio 342, 811—Okla. 78—Pa. 538, 1080—Tex. 648—Wis. 265—Canada 450, 530

PACIFIC GRINDING WHEEL CO., INC.

2212 Pacific Ave.
Everett, Wash.
Phone: AL 2-1194
Ariz. 3, 6—Cal. 28, 32, 133, 175, 685, 876, 904, 1027, 1128, 1304, 1421, 1597—Colo. 68, 151—Idaho 11—Mont. 16, 41—N. M. 27—Ore. 6, 19, 23, 76, 213—Utah 3—Wash. 16, 253, 323, 366

PACIFIC INDUSTRIAL MFG. CO.

848-49th Ave.
Oakland 1, Calif.
Phone: AN 1-8303
Cl. 93, 764—Colo. 63—Conn. 503—Ga. 55—Ill. 295—Ind. 235—La. 100—Mich. 714—Mo. 494—N. Y. 1106, 1213—Ohio 1465—Ore. 157—Pa. 1087, 1256, 1281—Tex. 249, 524—Utah 104—Va. 62—Wis. 218—Canada 100, 349

PACIFIC TRANSDUCER CORP.

11836 W. Pico Blvd.
Los Angeles 64, Calif.
Phone: GR 8-1134
(Contact manufacturer direct)

PADDOCK TOOL CO.

1418 Walnut St.
Kansas City 6, Mo.
(See advertisement p. 56)
Ala. 38—Ark. 11—Cal. 109, 319, 324, 948—1255—Colo. 103, 131—D. C. 24—Fla. 44, 68, 158, 344—Ga. 64—Ill. 55, 421, 665, 811, 858—Ind. 86, 368—La. 169—Mich. 534, 649, 1001, 1027, 1272—Neb. 37—Ohio 544, 1065, 1213, 1571, 1651—Ore. 22, 168—Wash. 259, 367—W. Va. 21

PALLEY SUPPLY CO.

2263 E. Vernon Ave.
Los Angeles 58, Calif.
Phone: LU 8-1153
(Contact manufacturer direct)

PALMER-BEE CO.

3009 Opdyke Rd.
Bloomfield Hills, Mich.
Phone: MI 7-0400
Ala. 142—Ill. 570—N. C. 253—Pa. 28, 1019—Tex. 717

PALNUT CO., THE

Div. of United-Carr Fastener Corp.
119A Glen Rd.
Mountainside, N. J.
Phone: AD 3-3300
(Contact manufacturer direct)

MANUFACTURERS

PANDJIRIS WELDMENT CO.

5151 Northrup Ave.
St. Louis 10, Mo.
Phone: PR 6-6893
Cal. 804, 976—Conn. 6—III. 425—
Ind. 207—Iowa 121—Kan. 15—
La. 25—Mich. 493, 1334—Minn.
307—Mo. 367—Neb. 37—N. Y.
572, 1529—N. C. 103—Ohio 577,
1253—Pa. 516, 1123—Tex. 211,
624—Utah 109—Va. 12—Canada
263

PANGBORN CORP.

810 Pangborn Blvd.
Hagerstown, Md.
Phone: RE 5-3500
Ala. 105—Cal. 1007, 1323—Ga.
290—III. 1055, 1228—Ind. 342—
Md. 10, 176—Mass. 522—Mich.
589—Mo. 256—N. J. 396—N. Y.
1434, 1539—Ohio 345, 817—Ore.
201—Pa. 356, 1020—Tex. 675—
Wash. 298—Wis. 339—Canada 71,
379, 569

PANNIER CORP., THE

223 Pannier Bldg.
Pittsburgh 12, Pa.
Phone: FA 1-5185
Ala. 106—Cal. 125—III. 572—Ohio
818—Pa. 649, 1021

PARKER FITTINGS & HOSE DIV.

Parker-Hannifin Corp.
17325 Euclid Ave.
Cleveland 12, Ohio
Phone: KE 1-3000

(See advertisement p. 55)

(Hose & Hose Fittings)

Ala. 5, 146—Cal. 20, 252, 849—
Colo. 213—Conn. 182—Fla. 119,
219, 295, 385—Ga. 248—III. 208,
628, 776, 1200—Ind. 30, 145—Iowa
103—Kan. 33—Ky. 14, 131—La.
24, 42—Me. 29—Md. 65—Mass.
284, 318, 563—Mich. 342, 470, 858,
1055, 1111—Minn. 262—Mo. 550,
574—Neb. 73—N. J. 233—N. M. 39
—N. Y. 371, 1128, 1315, 1573—
N. C. 74—Ohio 38, 232, 868, 985,
1103, 1415, 1504, 1605, 1655—Okla.
119—Ore. 143—Pa. 1057, 1249—
S. C. 9, 59—Tenn. 90—Tex. 217,
248, 617, 706—Utah 11—Wash.
205, 296—W. Va. 36, 72, 91—Wis.
56, 255, 370—Canada 73, 113, 194,
390, 422, 468, 579

(Tube Fittings)

Ala. 5, 146—Cal. 20, 224, 849, 904,
1256—Colo. 127, 213—Conn. 182,
468, 511—Fla. 119, 219, 295, 385—
Ga. 248—III. 208, 628, 776, 1200—
Ind. 30, 145—Iowa 21, 55, 103,
169—Kan. 31, 33, 103—Ky. 14,
131—La. 24, 42, 139—Md. 65, 149
—Mass. 241, 284, 318, 563—Mich.
342, 858, 1055—Minn. 262—Mo.
268, 482, 550, 574—Neb. 73—N. J.
202, 233, 261—N. M. 39—N. Y.
371, 1128, 1179, 1315, 1573—N. C.
74—Ohio 38, 232, 437, 866,
985, 1103, 1605, 1655—Okla. 56,
137—Ore. 143, 158—Pa. 749, 1057,
1130, 1249—S. C. 9, 59—Tenn.
90, 178, 271—Tex. 59, 217, 248,
259, 617, 661, 706—Utah 11, 68—
Wash. 205, 296—W. Va. 36, 91—
Wis. 56, 255, 370—Canada 73,
113, 194, 390, 422, 468, 579

PARKER-HARTFORD CORP., THE

650 Franklin Ave.
Hartford, Conn.
Phone: CH 6-1651
(Contact manufacturer direct)

PARKER HYDRAULICS DIV.

Parker-Hannifin Corp.
17325 Euclid Ave.
Cleveland 12, Ohio
Phone: KE 1-3000

(Accumulator Distributors)

Cal. 20, 224, 252, 849, 1256—Conn.
468—III. 531, 628, 776—Kan. 74—
Md. 65—Mass. 473—Mich. 342, 858
—Minn. 224—Mo. 574—N. J. 233,

261—N. Y. 290, 1179, 1322—Ohio
38, 232, 866—Ore. 143—Pa. 1057,
1249—Wash. 205, 296—Wis. 238,
370—Canada 73, 422

PARKER-KALON DIV.

General American Transportation
Corp.

#1 Peekay Dr.
Clifton, N. J.
Phone: GR 1-1000

(See advertisement p. 125)

Ala. 61, 153, 196—Ariz. 13, 39, 116
—Ark. 10, 23—Cal. 297, 405, 473,
577, 670, 772, 791, 960, 1144, 1252,
1298, 1304, 1320, 1329—Colo. 72,
87—Conn. 43, 190, 212, 275, 335,
393—D. C. 55, 100—Fla. 58, 119,
149, 385—Ga. 11, 28, 76, 205, 248
—III. 67, 361, 444, 488, 575, 604,
897, 913, 1166, 1285—Ind. 82, 83,
375, 425—Iowa 21, 55, 103, 169,
170—Kan. 29, 66, 114—Ky. 98—
La. 32, 100, 181, 217—Md. 18, 89
—Mass. 40, 61, 96, 184, 195, 214,
349, 500, 531, 678—Mich. 696, 959
—Minn. 183, 210, 262—Miss. 23, 36
—Mo. 95, 332, 559—Mont. 29
—Neb. 58—N. H. 25—N. J. 11, 82,
142, 236, 240, 325, 368, 440, 455,
459, 575—N. Y. 56, 59, 122, 290,
436, 442, 449, 544, 682, 785, 843,
903, 919, 922, 923, 926, 1197, 1403,
1518, 1531—N. C. 56—Ohio 90, 192,
278, 287, 495, 711, 980, 992, 1059,
1099, 1211, 1244, 1387, 1540, 1729—
Okla. 24, 99, 164—Ore. 48, 100,
151—Pa. 33, 72, 190, 348, 447,
502, 713, 735, 1084, 1164, 1322—
R. I. 44—Tenn. 170—Tex. 20, 269,
472, 484, 664, 678, 754, 785, 866—
Utah 69—Va. 122—Wash. 69, 318,
328, 349—W. Va. 73, 82—Wis. 267
—Wyom. 9—Canada 45, 194, 203,
235, 280, 365, 390, 513, 579

PARKER-MAJESTIC, INC.

147 Jos. Campau Ave.
Detroit 7, Mich.
Phone: LO 7-1011
Cal. 259, 971—Conn. 365—III. 243
—Ind. 299—Mass. 572—Mich. 171
—Minn. 119—N. Y. 561, 678—
Ohio 689, 1184—Pa. 637, 980—
Canada 284

PARKER SEAL CO.

Div. Parker-Hannifin Corp.

10567 Jefferson Blvd.
Culver City, Calif.
Phone: UP 0-8621

(O-Ring Distributors)

Ala. 103, 173—Ariz. 8, 19—Cal.
233, 252, 271, 931—Colo. 216—
Conn. 468—Fla. 81, 227—Ga. 95,
320—III. 144, 645, 1022—Ind. 145,
Iowa 21, 55, 103, 169—Kan. 29, 31,
114—Ky. 15, 53, 64—La. 12, 97—
Md. 65—Mass. 125—Mich. 342,
791, 858, 1111—Mo. 29, 399, 550—
Neb. 73—N. J. 233, 261—N. Y.
40, 1179, 1621, 1660—N. C. 46, 162
—Ohio 38, 232, 538, 866, 1103—
Okla. 27, 109, 164—Ore. 12, 54,
207—Pa. 150, 556, 922, 1249—S. C.
41—Tenn. 15, 63, 77, 90, 229—
Tex. 263, 734, 820—Va. 5, 42, 87—
Wash. 1, 15, 22, 26, 28, 50, 355—
Wis. 109, 216—Canada 194, 390,
468, 487, 579

PARSONS DIAMOND PRODUCTS, INC.

22 Grassmere Ave.
West Hartford 10, Conn.
Phone: AD 6-2303
Ind. 130—Mass. 648—N. J. 46—
N. Y. 74, 1597—Pa. 1264—Tenn.
93—Vt. 19

PATE OIL CO.

3460 W. Leeds Pl.
Milwaukee 15, Wis.
Phone: EV 4-5008

(Contact manufacturer direct)

PATHON MFG. CO.

3823 Pacific Ave.
Cincinnati 12, Ohio
Phone: JE 1-1824
Ala. 66—Cal. 326, 1333—Conn. 76
—III. 1025—Ky. 65—Me. 15—Md.
62—Mass. 268, 394, 576—Mich.
1320—Mo. 3—N. Y. 379, 497, 1263
—N. C. 82—Ohio 349, 589—Pa.
150, 635, 901—Tex. 650—Va. 138—
Wash. 252—Wis. 238—Canada 156,
593

PATTERSON MACHINE CO.,

THE G. C.
3409 Trumbull St.
Cleveland 15, Ohio
Phone: BR 1-1808
Cal. 262, 1308—Conn. 505—Ga. 61
—III. 807—Ind. 140—Md. 25—
Mich. 516, 1222—Mo. 429—N. Y.
257, 1554—N. C. 169—Ohio 1589—
Pa. 469, 980—Tenn. 253—Canada
410, 437, 583

PAWTUCKET MFG. CO.

327 Pine St.—P. O. Box 879
Pawtucket, R. I.
Phone: PA 5-3880
(Contact manufacturer direct)

PAYNE TOOL & ENGINEERING CO., THE

1300-1400 W. Columbia St.
Springfield, Ohio
Phone: FA 3-9131
(Contact manufacturer direct)

PEASE CO., THE C. F.

2601 W. Irving Park Rd.
Chicago 18, Ill.
(Contact manufacturer direct)

PECK, STOW & WILCOX CO., THE

Center St.
Southington, Conn.
Phone: MA 8-9621
(Contact manufacturer direct)

PEECO DIV.

Automation Devices, Inc.
3125 Brandes St.
Erie, Pa.
Phone: GL 6-5381
Ala. 127—Ark. 12—Cal. 846, 1301
—Colo. 80—Conn. 5—III. 523—
Iowa 98—Mass. 582—Mich. 746—
Minn. 209—Mo. 488—N. Y. 10,
374, 515, 1499—N. C. 213—Ohio
1343, 1495, 1553—Pa. 359, 1240—
Tenn. 222—Tex. 432—Wis. 469—
Canada 208

PEER, INC.

1200 Milton St.
Benton Harbor, Mich.
Phone: WA 5-8828
Ala. 61—Fla. 195—Ga. 61—III. 190,
298, 403, 778, 788, 1141—Ind. 263—
Iowa 110—Mich. 958, 1222—Minn.
129, 183, 299—Mo. 476—N. Y. 290,
1121—N. C. 249—Ohio 190, 1099,
1617—Okla. 24, 129—Pa. 521—
Tex. 116, 660, 806—Canada 98, 410

PEERLESS GEAR & MACHINE CO., INC.

140-150 E. Wayne St.
Dunkirk, Ohio
Phone: 3101
(Contact manufacturer direct)

PEERLESS MACHINE CO.

1600 Junction Ave.
Racine, Wis.
Phone: ME 4-6609
Ala. 94, 190, 196—Ariz. 18, 114,
118—Ark. 21—Cal. 59, 642, 1119,
1410—Colo. 90, 142—Conn. 454—
D. C. 16—Fla. 68, 84, 158, 171, 253,
344, 360—Ga. 61—III. 290, 1156,
1219—Ind. 88, 280, 338—Iowa 167
—Kan. 123—Ky. 140—La. 171, 217
—Md. 27—Mass. 84, 155, 534—

Mich. 833, 880, 1247, 1363—Minn.
19, 231—Mo. 10, 98, 476, 560—
Mont. 9—Neb. 37—N. J. 520—
N. M. 15, 21—N. Y. 220, 257, 321,
655, 1014, 1039, 1356, 1411, 1554—
N. C. 122, 180, 218, 228—Ohio 28,
249, 287, 786, 1047, 1059, 1184,
1522, 1611—Okla. 97—Ore. 44—
Pa. 178, 209, 790, 992, 1272, 1300—
S. C. 17—Tenn. 37, 104, 170, 241,
248—Tex. 196, 404, 472, 695, 732,
846—Utah 88—Va. 120—Wash. 82
—W. Va. 5, 18, 78—Wis. 50, 66,
144, 201

PEKAY ABRASIVES, INC.

271-279 Grove Ave.
Verona, N. J.
Phone: CE 9-4600
Cal. 328—Colo. 103—Fla. 27—III.
206, 312—Ind. 132—Minn. 140—
Mo. 148—Ohio 986—Tex. 620

PELLOW MACHINE CO.

13500 Foley Ave.
Detroit 27, Mich.
Phone: WE 3-1735
Mich. 631—Ohio 281

PENINSULAR GRINDING WHEEL CO.

729 Meldrum Ave.
Detroit 7, Mich.
Phone: LO 7-4193
III. 579—Ind. 11, 352—Mich. 136,
592—N. Y. 139, 1574—Ohio 823,
840, 1036, 1494—Pa. 653, 1027

PENN ENGINEERING & MFG. CORP.

Box 311
Doylestown, Pa.
Phone: RO 6-8853
Cal. 69—Fla. 183—III. 906—Mich.
679—N. Y. 55—Ohio 364—Pa. 1187
—Tex. 288—Canada 427

PENN SCIENTIFIC PRODUCTS CO.

1000 Old York Rd.
Arlington, Pa.
Phone: TU 7-0375
Cal. 730, 926—Conn. 385, 393—
III. 569—Ind. 102—Mass. 668—
Mich. 705—N. J. 86, 576—N. Y.
339, 1638—Ohio 641—Pa. 389, 1131,
1304—Tex. 472, 754—Va. 73—
Wash. 253—Wis. 283

PENNIMAN CO., ELISHA

460 S. Main St.
Elmwood 10, Conn.
Phone: AD 3-3094
(Contact manufacturer direct)

PENNSALT CHEMICALS CORP.

3 Penn Center
Philadelphia 2, Pa.
Phone: LO 4-4700
Cal. 678—III. 822—Ohio 1308—
Pa. 656

PENOLA OIL CO.

15 W. 51st St.
New York 19, N. Y.
Phone: PL 7-1200
III. 581—Mich. 596

PERENY EQUIPMENT CO., INC.

Box 8153—Station A, Zone 1
Columbus 12, Ohio
Phone: AX 4-3577
Cal. 973, 997—Fla. 118, 131—III.
671—Mass. 463—Mich. 72—N. M.
57—N. Y. 1031, 1586—Ohio 1146,
1371—Pa. 122, 843—Wash. 301

PERFECTING SERVICE CO.

332 Atandt Ave.—P. O. Box 1949
Charlotte, N. C.
Phone: FR 6-4811
Cal. 680—III. 582—Md. 111—N. J.
52—N. Y. 304, 1009—Ohio 1008—
R. I. 63

MANUFACTURERS

PERKINS MACHINE CO.

50 Perkins Ave.
Warren, Mass.
Cal. 361, 1308—Conn. 9, 280—Fla.
35—Ill. 650, 797, 1030—Ind. 185—
Mich. 614—Minn. 119—Mo. 567—
N. J. 46, 259—N. Y. 973, 1211—
N. C. 213—Ohio 641, 856—Pa.
1106—Wis. 337—Canada 606

PERMATTACH DIAMOND TOOL CO.

Subsidiary of Hitchiner Mfg. Co.
Middle St.
Milford, N. H.
Phone: 798
(Contact manufacturer direct)

PESCO PRODUCTS

Div. Borg-Warner Corp.
24700 N. Miles
Bedford, Ohio
(Contact manufacturer direct)

PETCH MFG. CO.

P. O. Box 456
Alpena, Mich.
Phone: EL 4-2131
Cal. 872—Conn. 468—Ill. 588—Ind.
99, 403, 457, 483—Md. 165—Mich.
598, 949, 1320—N. J. 261—N. Y.
357, 1179—N. C. 84—Ohio 725,
1605—Pa. 2, 1023—S. C. 9—Wash.
303, 315—Wis. 181—Canada 422,
472, 597

PETERSEN MFG. CO., INC.

De Witt, Neb.
Phone: OV 3-2331
(Contact manufacturer direct)

PETZ-EMERY, INC.

Main St.
Pleasant Valley, N. Y.
Phone: ME 5-2171
Cal. 278, 992, 1004—Ga. 89—Ill.
864—Ind. 299—Mass. 364—Mich.
430—Minn. 198—N. J. 583—N. Y.
660, 1258—N. C. 113—Ohio 935,
1306—Okla. 154—Pa. 160, 424—
Tex. 559, 762—Utah 79—Wash. 92
—Canada 405

PHEOLL MFG. CO.

5700 W. Roosevelt Rd.
Chicago 50, Ill.
Phone: CO 1-0300
Ala. 91—Cal. 766, 1370—Colo. 85
—Conn. 421—Fla. 256—Ga. 203—
Ind. 170—Ky. 116—Mich. 601—
Mo. 412—N. J. 61—N. Y. 1186—
Ohio 1385—Pa. 592—Tenn. 267—
Tex. 382—Va. 136—Wash. 209—
Wis. 278—Canada 213

PICKUP PRECISION GEAR CO.

1926 Placentia Ave.
Costa Mesa, Calif.
Phone: LI 8-2225-6
(Contact manufacturer direct)

PINES ENGINEERING CO., INC.

660 Walnut St.
Aurora, Ill.
Phone: TW 6-7701
Cal. 1255, 1591—Conn. 476—D. C.
24—Fla. 175—Iowa 69, 127—Mass.
143—Mich. 714, 1028—Mo. 179, 494
—N. Y. 321, 1036, 1549—N. C. 52
—Ohio 50, 1647—Pa. 34, 973—
Tex. 280—Wash. 105—Wis. 400—
Canada 25, 78, 115, 168, 400, 469,
583, 610

PIONEER ALUMINUM, INC.

5251 W. Imperial Hwy.
Los Angeles 45, Calif.
Phone: OR 8-7621
(Contact manufacturer direct)

PIONEER BROACH CO.

6434 E. Telegraph Rd.
Los Angeles 22, Calif.
Phone: RA 3-4536

Ariz. 45—Cal. 13, 1407—Conn. 122
—Ill. 1304—Kan. 100—Md. 90—
Minn. 256—N. Y. 272—N. C. 213—
Ohio 1370—Tex. 487—Utah 78—
Wash. 93—Canada 187, 345

PIPE MACHINERY CO., THE

29100 Lakeland Blvd.
Wickliffe, Ohio
Phone: WH 3-3300
(See advertisement p. 28)

Conn. 120—Ind. 120—Md. 90—
Mass. 373—Mich. 288, 800—Minn.
52—Mo. 329—N. Y. 619, 1236—
Ohio 1306, 1565—Okla. 154—Pa.
870, 1305—Tex. 330, 766—Wash.
268—Canada 597

PITTSBURGH PLATE GLASS CO.

Brush Div.
3221 Frederick Ave.
Baltimore 29, Md.
Phone: WI 5-3300
(Contact manufacturer direct)

PITTSBURGH TOOL STEEL

WIRE CO. DIV.
Vanadium Alloy Steel Co.
1535 Beaver Ave.
Monaca, Pa.
Phone: SP 4-8330
(Contact manufacturer direct)

PIVOT PUNCH & DIE CORP.

1254 Erie Ave.
North Tonawanda, N. Y.
Phone: JA 1200
Cal. 467—Colo. 80—Conn. 105—
Ill. 412—Ky. 130—Mass. 358—
Mich. 98, 844—N. Y. 454, 499,
1295, 1583—Ohio 125, 690, 1102,
1235—Pa. 190, 260, 980—
R. I. 28—Vt. 10—Canada 171

PLATECOIL DIV.

Tranter Mfg., Inc.
735 E. Hazel St.
Lansing 9, Mich.
Phone: IV 4-4531
(Contact manufacturer direct)

PLEW TOOL CORP.

S. Line St.
Columbia City, Ind.
Phone: 757
Conn. 477—Fla. 252—Ill. 802, 1070
—Ind. 6—Mich. 100—Minn. 255—
Ohio 644, 1186—Pa. 141—Tex. 150
—Wis. 488

PLUNKET MACHINE CO.; J. E.

3230-32 Archer Ave.
Chicago 8, Ill.
Phone: FV 6-5800
Ark. 5—Cal. 616—Conn. 145, 280
—Ill. 361, 445—Iowa 103—La. 171,
181—Mass. 517, 644—Mich. 958,
1222, 1232—Minn. 231—N. J. 219,
408—N. Y. 458, 821—Ohio 621, 980
—R. I. 69—Tex. 472—Utah 62—
Va. 99—Wash. 259, 295

PODLIN TOOL CO.

11911 Franklin Ave.
Franklin Park, Ill.
Phone: PO 6-3211
Cal. 82, 616—Fla. 184—Ill. 20,
69, 149, 230, 488, 495, 505, 555,
575, 578, 604, 711, 739, 883—Mich.
914, 976, 1167—N. J. 46, 292, 572—
N. Y. 610, 1115—N. C. 239—Tex.
752—Wis. 94

POLYMER CORP., THE

2120 Fairmont Ave.
Reading, Pa.
Phone: FR 6-5791
Cal. 392, 1091, 1189—Colo. 150—
Conn. 19—Ga. 95—Ill. 589, 1114,
1196—Ind. 145—La. 99—Md. 16—
Mass. 562—Mich. 271—Minn. 96—
Mo. 528—N. J. 518, 608—N. Y. 69,
203, 1013, 1226, 1561, 1611—N. C.
158—Ohio 6, 1022, 1159, 1472, 1521,
1533, 1699—Pa. 179, 373—Va. 87—
Wash. 38

POP RIVET DIV.

United Shoe Machinery Co.
River Rd.
Shelton, Conn.
Phone: RE 5-3391
Cal. 875—Conn. 353—Fla. 235—
Ill. 590, 1278—Mich. 1249—Mo. 516
—N. J. 168, 308—Ohio 356—Tex.
251

POPE MACHINERY CORP.

261 River St.
Haverhill, Mass.
Phone: DR 5-5678
Cal. 453, 1453—D. C. 24—Ill. 304
—Ind. 298, 522—Kan. 123—Mich.
298, 714—Minn. 243—Mo. 503, 546
—N. J. 67—N. Y. 346, 1371, 1417,
1562—Ohio 387, 1088, 1275, 1373
—Okla. 44—Pa. 89, 934—Tex. 216,
516

PORT HURON MACHINE PRODUCTS CO.

2241 Hilton Rd.
Ferndale 20, Mich.
Phone: JO 4-6276
Mich. 834, 1274

PORTAGE MACHINE CO.

1033 Sweetzer Ave.
Akron 11, Ohio
Phone: PO 2-0211
Ala. 94, 190—Ariz. 93—Cal. 59,
113, 723—Colo. 100—D. C. 38—
Fla. 320—Ga. 258—Ill. 314—Ind.
17, 217—Ky. 85—La. 96—Mass.
18, 614—Mich. 614—Minn. 327—
Mo. 128, 488—N. Y. 301, 654, 1356,
1536—N. C. 169—Ohio 621, 1184,
1617—Okla. 110—Ore. 44—Pa.
499, 1083—Tenn. 37, 248—Tex. 472,
514, 732—Utah 82—Wash. 282—
Wis. 207—Canada 44, 176, 288, 455,
496

PORTAGE TOOL CO., THE

2675 Wingate Ave.
Akron 14, Ohio
Phone: SH 5-3728
Cal. 77—Ill. 884—Mo. 530—N. Y.
742—Ohio 344

PORTER-CABLE MACHINE CO., THE

700 Marcellus St.
Syracuse 1, N. Y.
Phone: GR 6-4231
Cal. 684, 1331—Fla. 204—Ga. 197
—Ill. 591—Mass. 190—Mich. 606—
Mo. 196—N. J. 399—N. Y. 603—
Ohio 830—Pa. 664—Tex. 292—
Wash. 221—Canada 224

PORTER CO., INC., H. K.

Vulcan Kidd Steel Div.
Main St.
Alliquippa, Pa.
Phone: ES 5-6621
(See advertisement p. 132)
Ala. 109—Cal. 498, 1309—Conn.
253—Ill. 769—Mass. 234—Mich.
840, 1068—Mo. 417—N. J. 364,
467—N. Y. 258—Okla. 84—Pa.
710, 1040—Tex. 224—Wis. 347

PORTER, INC., H. K.

74 Foley St.
Somerville 43, Mass.
Phone: FR 6-8200
Cal. 879, 1167—Colo. 209—Ill. 831
—Ind. 158—Mass. 460—Mo. 146—
N. Y. 944, 1622—Ohio 1321—Pa.
1275—Tenn. 174—Tex. 100, 483—
Va. 16, 128—Wash. 185, 307—
Canada 117

PORTER-MCLEOD MACHINE TOOL CO., INC.

Prospect St.
Hartfield, Mass.
Phone: CH 7-2261
(Contact manufacturer direct)

PORTER PRECISION PRODUCTS

Glendale-Milford Rd.—P. O. Box
208
Cincinnati 15, Ohio
Phone: PR 1-6338
Ala. 45—Ariz. 37—Cal. 44, 47, 99
—Colo. 58—Conn. 3, 491—Ga. 43
—Ill. 592, 863—Ind. 39, 61, 131,
519—Iowa 25, 49, 113—Kan. 81—
Ky. 120—Md. 93—Mass. 411, 622
—Mich. 824, 1333—Minn. 256—
Mo. 138, 302—N. J. 292—N. Y.
139, 1285, 1501—Ohio 252, 718,
1066, 1566—Okla. 24—Pa. 1071—
Tenn. 200, 227—Tex. 243—Wash.
47—W. Va. 65—Wis. 245—Canada
309, 385

PORTOMAG, INC.

1511 E. 9 Mile Rd.
Ferndale 20, Mich.
Phone: LI 7-0055
(Contact manufacturer direct)

POSITIVE SAFETY MFG. CO., THE

4408 Perkins Ave.
Cleveland 3, Ohio
Phone: UT 1-1878
(Contact manufacturer direct)

POTTER & BRUMFIELD

Div. of American Machine &
Foundry Co.
Princeton, Ind.
Phone: FU 5-5251
Ariz. 130—Cal. 831, 1115, 1443—
Colo. 29—Conn. 70—Fla. 234, 255
—Ga. 58—Hawaii 32—Ill. 150,
1241—Ind. 434—La. 143—Mass.
215—Mich. 416, 935—Minn. 266—
Mo. 215, 409—N. J. 50—N. M. 9—
N. Y. 9, 264, 401, 618, 702—N. C.
29—Ohio 881, 1303—Okla. 20, 87
—Pa. 97, 1073, 1151—Tenn. 127—
Tex. 199—Utah 2—Va. 2—Wash.
131—Wis. 178—Canada 37, 120,
285, 608

POTTSTOWN MACHINE CO.

Rohland & Center Ave.
Pottstown, Pa.
Phone: FA 6-3710
Cal. 615—Canada 434, 606

POWERGRIP, INC.

Main St.
Rockfall, Conn.
Phone: DI 7-5920
Cal. 369—Ill. 676—Ind. 318—Mass.
27—Mich. 771, 1026—N. Y. 572—
Ohio 362, 569, 1128—Pa. 468

PRATT & WHITNEY CO., INC.

Charter Oak Blvd.
West Hartford 1, Conn.
Phone: AD 3-7561
Ala. 112—Cal. 686, 1334—Colo.
153—Conn. 475—Fla. 127—Ill. 597
—Mass. 235—Mich. 610—Minn. 32
—Mo. 517—N. Y. 464, 1336, 1585—
N. C. 109—Ohio 360, 833—Pa. 669,
1042—Tex. 326, 682—Wash. 222—
Wis. 45

PREBCO BUSHING CO.

14714 E. Arrow Hwy.
Baldwin Park, Calif.
Phone: ED 7-0112
(Contact manufacturer direct)

PRECISE PRODUCTS CORP.

3715 Blue River Rd.
Racine, Wis.
Phone: ME 2-8891
Ariz. 30, 122—Ark. 23—Cal. 340,
616, 677, 730, 1077, 1094, 1241, 1589
—Colo. 80, 103, 144—Conn. 122—
Fla. 265, 313—Ga. 82, 157, 221—
Ill. 15, 96, 168, 230, 469, 630, 848,
1179, 1226, 1284—Ind. 39, 61, 164,
519—Iowa 130—Kan. 98—Ky. 130
—La. 96, 207—Md. 51, 182—Mass.
13, 59, 210, 620—Mich. 464, 481,

MANUFACTURERS

760, 833, 849, 936, 1093, 1224, 1264—Minn. 256—Mo. 57, 233, 487, 518—Neb. 44—N. J. 173, 242, 408—N. Y. 42, 124, 347, 439, 458, 529, 544, 611, 1249, 1418, 1574, 1632—Ohio 42, 136, 208, 786, 964, 977, 1191, 1306, 1635, 1729—Okla. 126, 129—Ore. 76, 91, 95, 138, 179—Pa. 190, 390, 548, 596, 909, 1131, 1324—Tenn. 157, 244, 263—Tex. 33, 252, 317, 472, 695, 754, 873—Va. 73—Wash. 134, 164, 244, 253, 259, 344, 368—Wis. 119, 254, 363, 455—Canada 433, 605

PRECISION CARBIDE CO.

292 Belmont Ave.
Paterson 2, N. J.
Phone: LA 5-7922
Colo. 80—N. J. 469—N. M. 32—N. Y. 1531—Ohio 416

PRECISION DETROIT CO.

20100 Sherwood Ave.
Detroit 34, Mich.
Phone: TW 2-5331
(Contact manufacturer direct)

PRECISION DIAMOND TOOL CO.

P. O. Box 274-102 S. Grove St.
Elgin, Ill.
Phone: SH 1-4847
Cal. 238, 894, 904, 937, 1252—Colo. 48—Conn. 170, 377, 385, 416—D. C. 82—Fla. 184—Ill. 1187—Ind. 39, 339—Iowa 10, 171—Kan. 10, 121—Ky. 151—Mich. 309, 1102—Minn. 94—Mo. 329—Neb. 37—N. H. 10—N. Y. 296—N. C. 213—Ohio 204, 460, 1191, 1641—Okla. 106—Ore. 110—Pa. 980, 1131—Tex. 297—Wash. 69—Wis. 319, 429

PRECISION GEAR DIV.

Perfecting Service Co.
332 Atlando Ave.-P. O. Box 1949
Charlotte, N. C.
Phone: FR 6-4811
(Contact manufacturer direct)

PRECISION GEARS, INC.

4601 W. State St.
Milwaukee 8, Wis.
Phone: DI 2-0536
(Contact manufacturer direct)

PRECISION GRINDING WHEEL CO., INC.

8301 Torrendale Ave.
Philadelphia 36, Pa.
Phone: MA 4-3500
Ala. 113—Ill. 1310—Mich. 611—N. Y. 310—Ohio 834—Pa. 1043—Tex. 465, 683—Wis. 350

PRECISION NUT CO.

2567 Beaufault
Detroit 7, Mich.
Phone: WA 1-8337
N. J. 271—Ohio 361

PRECISION PROCESSING CO.

3269 Castas Ave.
Los Angeles 39, Calif.
Phone: 5-5949
(Contact manufacturer direct)

PRECISION PRODUCTS CO.

300 W. Chestnut St.
Washington, Pa.
Phone: BA 2-2100
Ala. 102—Ill. 580, 599—Ind. 223, 344—Mich. 594, 1005—Miss. 27—N. J. 72—N. Y. 1584—Ohio 33, 65, 641, 1251, 1623—Pa. 39, 352—Tenn. 39

PRECISION RUBBER PRODUCTS CORP.

3110 Oakridge Dr.
Dayton 17, Ohio
Phone: AM 3-2631
Cal. 66, 968, 1082—Colo. 212—Ga. 108—Ill. 600—Kan. 45, 67—La.

118—Md. 66—Mich. 612—Minn. 31—Mo. 521—N. J. 250—N. Y. 357, 1360—N. C. 182—Ohio 835—Okla. 69—Pa. 147, 1077—Tex. 422, 725—Va. 116—Wash. 5—Wis. 264—Canada 386, 614

PRECISION TOOL & MFG. CO.

1305 S. Laramie Ave.
Cicero 50, Ill.
Phone: BI 2-2921
Cal. 59, 602, 1134—Conn. 113—Fla. 384—Ill. 74, 206, 1075, 1157—Ind. 404—Md. 120—Mass. 8, 326—Mich. 824, 1222—Mo. 109, 455, 438—Neb. 37—Ohio 265, 410, 772, 840, 1197

PRECISION TRUING TOOL & MFG. CO., INC., THE

13 E. 16th St.
Covington, Ky.
Phone: HE 1-2945
Ill. 706—Ky. 112—Mich. 561—N. J. 322

PRECISION TWIST DRILL & MACHINE CO.

10 Woodstock St.
Crystal Lake, Ill.
Phone: CL 2040
Ala. 91—Cal. 592—Colo. 93, 135—Fla. 256—Ga. 203—Ill. 499—Ind. 523—Kan. 5—Mich. 518, 987—Minn. 221—N. J. 51, 523—N. Y. 1327—Ohio 1302, 1480—Ore. 172, 191—Tenn. 267—Tex. 282, 670, 867—Va. 136—Wash. 106—Wis. 170

PRECISION WELDER & FLEXOPRESS CORP.

3520 Ibsen Ave.
Cincinnati 9, Ohio
Phone: EL 1-3300
Ga. 176—Ill. 1081—Ind. 207—Iowa 121—Mass. 26—Mich. 85—Mo. 367—N. Y. 942, 1498—Ohio 322, 577, 1253—Pa. 1121—Wis. 281—Canada 387

PREFERRED INDUSTRIES, INC.

8500 Lyndon Ave.
Detroit 38, Mich.
Phone: TE 4-9568
Cal. 516—Conn. 343—Ill. 700, 1233—Ind. 502—Iowa 110—Mass. 535—Mich. 304, 447, 853, 1367—Minn. 255—Mo. 226—Ohio 914—Pa. 1072—Wis. 119, 319

PREIS ENGRAVING MACHINE CO., H. P.

651 U. S. Hwy. #22
Hillsdale 5, N. J.
Phone: MU 6-7736-7
Cal. 93, 764—Fla. 92—Ky. 85—Minn. 327—Mo. 329—Va. 146—W. Va. 22

PRESIN CO.

2014 Broadway
Santa Monica, Calif.
Phone: EX 3-9738
Conn. 167—Fla. 404—Ill. 366—Md. 188—Mass. 387—N. Y. 1519—Pa. 143

PRESS AUTOMATION SYSTEMS

25418 Ryan Rd.
Warren, Mich.
Phone: JE 9-7750
Conn. 9—Ill. 783—Mich. 966—Pa. 706

PRESTOLE CORP.

1345 Miami St.
Toledo 5, Ohio
Phone: OX 1-2465
Ala. 206—Ariz. 59—Cal. 334—Conn. 234—Fla. 233—Ill. 1300—Iowa 33—Ky. 70—Mich. 613—Minn. 216—N. Y. 403, 517—Ohio 152, 1437, 1656, 1658—Tenn. 30, 43—Tex. 314—Utah 41—Wash. 184—Canada 253

PRICE CORP., D. W.

11161 W. Pico Blvd.
Los Angeles 64, Calif.
Phone: GR 7-6791
N. Y. 721

PROCUNIER SAFETY CHUCK CO.

18 S. Clinton St.
Chicago 6, Ill.
Phone: FR 2-1045
Ariz. 37—Cal. 367, 1241—Colo. 80—Conn. 145—Ga. 203—Ill. 565, 1007, 1177—Ind. 164—Kan. 46—Mass. 614—Mich. 70—Minn. 231—Mo. 546—N. J. 523—N. Y. 1339—Ohio 1195, 1364, 1635—Pa. 637—R. I. 69—Tex. 100—Wash. 178—Wis. 259—Canada 426

PRODUCTION DEVICES, INC.

1000 Davis St.
Whitehall, N. Y.
Phone: 440
Cal. 77, 532, 1407—Conn. 43, 203, 254, 269, 429—Ga. 233—Ill. 241, 1270—Ind. 443—Kan. 123—Md. 18—Mass. 194, 208, 500, 622, 646—Mich. 127, 604—Minn. 176, 283—Mo. 248—N. J. 282—N. Y. 124, 290, 1018—Ohio 265, 429, 915, 980, 1578—Okla. 108—Pa. 632, 1129, 1324—Tenn. 139—Wis. 400—Canada 510

PRODUCTION FEEDER CORP.

3130 Johnnycake Ridge Rd.
Mentor, Ohio
Phone: EL 2-0220
Conn. 479—Ill. 569—Ind. 348—Mich. 363, 808, 1034—Minn. 296—N. H. 32—Pa. 201, 386, 1022—Wis. 383—Canada 535

PRODUCTION MACHINE CO.

311 Wells St.
Greenfield, Mass.
Phone: PR 3-3634
Ala. 94, 190—Ariz. 93—Cal. 723, 1517—Colo. 100—Fla. 175, 395—Hawaii 14—Ill. 304—Ind. 280—Iowa 167—Kan. 100—La. 100—Mich. 833, 988—Minn. 243—Mo. 160, 361—Neb. 37—N. Y. 290, 1322, 1574—N. C. 6, 132, 185—Ohio 327, 786, 1237—Okla. 125—Pa. 521, 992—S. C. 26, 63—Tenn. 104—Tex. 216, 616—Utah 50—Va. 62, 130, 153—Wash. 64—Canada 244, 434, 477, 606, 611

PRODUCTO MACHINE CO.

Tool Room Equipment Div.
925 Housatonic Ave.
Bridgeport 1, Conn.
Phone: FO 7-8675
(See advertisement p. 59)
Ga. 89—Ill. 1033—Kan. 84—Mass. 195—Mich. 593—Minn. 296—Mo. 546—N. Y. 1322, 1549—N. C. 169—Ohio 1184—Pa. 598, 1083—Wash. 92—Canada 606

PRODUCTS ENGINEERING & MFG. CO.

420 Dwight St.
Holyoke, Mass.
Phone: JE 2-0905
(Contact manufacturer direct)

PROGRESSIVE WELDER SALES CO.

915 Oakland Ave.
Pontiac, Mich.
Phone: FE 4-9518
Ga. 164—Ill. 1004—Ind. 351—Mich. 1268—Ohio 843, 1624—Pa. 7—Wis. 400

PROJECTO-GRAPH INSTRUMENTS CORP.

Clinton, Conn.
Phone: MO 9-7444
Cal. 687—Conn. 417, 513—Ill. 201—Ind. 224—Mass. 558—Mich. 708, 1211—N. Y. 660, 1034—Ohio 259, 669, 1053—Pa. 1171—Wis. 319

PROSSER & SON, THOMAS

Felter Bldg.
Tenaiff, N. J.
Phone: LO 8-0300
(Contact manufacturer direct)

PROTO TOOL CO.

2209 Santa Fe Ave.
Los Angeles 58, Calif.
Phone: LU 9-3311
Cal. 690—Ga. 204—Ill. 1245—Mich. 618—N. Y. 82—Pa. 170—Tex. 293—Canada 225

PROVIDENCE TOOL CO., INC.

189 Charles St.
Providence 4, R. I.
Phone: GA 1-3993
Ind. 100, 408—Ohio 1290, 1314—Pa. 91

PRUTTON CORP.

5295 W. 130th St.
Cleveland 30, Ohio
Phone: CL 1-5383
Cal. 1447—Colo. 131—Ill. 807—Mass. 489—Mich. 833—N. Y. 428, 660, 1311—Ohio 327, 786—Pa. 992, 1219—Canada 383

PULL GEAR CO., THE

25425 Mound Rd.
Warren, Mich.
Phone: SL 7-6700
Cal. 346, 897, 1304—Conn. 190—Ill. 206—Ind. 223—Kan. 84—Mass. 273—Mich. 760, 958, 1093, 1136, 1333—N. J. 267—N. Y. 610, 729—Ohio 856—Pa. 521, 1324—Tex. 695—Wis. 354—Canada 28

PUNCH PRODUCTS CORP.

3810 Highland Ave.
Niagara Falls, N. Y.
Phone: BU 4-0476
(See advertisement p. 221)
Cal. 262, 1308—Colo. 80—Conn. 236—Fla. 175—Ga. 43—Iowa 194—Mass. 561—Mich. 1119—Minn. 7, 299—Mo. 419—N. Y. 332, 1131—N. C. 153—Pa. 89, 980—Tenn. 157—Tex. 660—Wash. 124—Wis. 131—Canada 180

PULORATOR PRODUCTS, INC.

970 New Brunswick Ave.
Rahway, N. J.
Phone: FU 8-4000
Cal. 691—D. C. 64—Ill. 605—Mich. 1394—N. J. 491

PUTNAM TOOL CO.

2981 Charlevoix Ave.
Detroit 7, Mich.
Phone: LO 8-1119
(Contact manufacturer direct)

PYROMETER INSTRUMENT CO., INC.

92 Portland Ave.
Bergenfield, N. J.
Phone: DU 4-5140
Ala. 51—Cal. 494, 946—Colo. 214—Conn. 355—Fla. 29—Ill. 680—Ind. 213—Md. 116—Mass. 588—Mich. 655—Mo. 193, 622—Neb. 47—N. J. 22—N. Y. 264, 677, 1627—N. C. 71—Ohio 53, 253, 1588—Pa. 463, 810—Tex. 200—Wash. 59—Wis. 355—Canada 477, 534

— Q —

QUACKENBUSH CO., A. B.

4216 San Fernando Rd.
Glendale 4, Calif.
Phone: CH 5-3687
Ala. 28—Ariz. 28—Cal. 293, 922—Conn. 15—Fla. 393—Ill. 449—Kan. 100—Mass. 66—Mich. 331—Mo. 432—N. Y. 758—N. C. 38—Ore. 143—Pa. 515—Tex. 29—Utah 100—Wash. 205—Canada 255, 486

MANUFACTURERS

QUEEN CITY MACHINE TOOL CO.

3900 Kellogg Ave.
Cincinnati 26, Ohio
Phone: TR 1-0853
Ala. 126—Ark. 23—Cal. 764—
Conn. 400—Fla. 54—Ga. 61—Ill.
142—Ind. 580—Iowa 103—Ky. 85
—La. 158, 210—Md. 12—Mass. 199
—Mich. 426—Mo. 476—Neb. 23—
N. Y. 1046, 1269—Ohio 1093, 1184,
1318—Okla. 24, 99—Ore. 72, 91
—Pa. 691, 947—Tenn. 38—Tex.
216, 415, 766, 789, 808—Va. 39, 120
Wash. 132—W. Va. 15, 18—Wis.
144, 398

— R —

RCA INDUSTRIAL & MACHINE TOOL OPERATIONS

12605 Arnold
Detroit 39, Mich.
Phone: KE 3-7640
(See advertisement p. 50)
Ill. 864—Ind. 360—Mich. 1163—
N. Y. 711, 1211—Ohio 550, 1306—
Pa. 160, 1033—Tex. 328—Wis. 432

R-P & C VALVE DIV.

American Chain & Cable Co.,
Inc.

Tulpehocken St.
Reading, Pa.
Cal. 693, 1338—Colo. 156—Ga. 206
—Ill. 609—Mass. 477—N. Y. 1022
—Pa. 676, 1046—Tex. 687

RACINE HYDRAULICS & MACHINERY, INC.

2000 Albert St.
Racine, Wis.
Phone: ME 3-3561
Ala. 8—Cal. 224, 349, 1163—Colo.
113—Conn. 16—Ill. 949A, 1164—
La. 165—Md. 212—Mich. 619—
Minn. 121—Mo. 494—N. J. 397—
N. Y. 356—Ohio 84, 365, 784,
1418, 1610—Ore. 107—Pa. 162, 989
—Tenn. 46, 139—Tex. 217, 617—
Va. 118—Wis. 217

RAFTER MACHINE CO., INC.

259 Stephens St.
Belleville 9, N. J.
Phone: PL 9-4080
(Contact manufacturer direct)

RAHN GRANITE SURFACE PLATE CO.

641 N. Western Ave.
Dayton 7, Ohio
Phone: AM 3-1961
Cal. 49, 1399—Colo. 36—Fla. 321,
322—Ill. 677—Ind. 114—Kan. 98—
Mass. 443—Mich. 839, 906—Minn.
207—Mo. 235, 546—N. Y. 640, 1184
—N. C. 247—Ohio 550, 1531—Pa.
195, 468, 897—Tenn. 123—Tex.
326—Wis. 432—Canada 148, 492

RAMPE MFG. CO.

14915 Woodworth Ave.
Cleveland 10, Ohio
Phone: MU 1-2800
(Contact manufacturer direct)

RANDALL CO., INC., FRANK E.

248 Ash St.
Waltham 54, Mass.
Phone: TW 4-2030
(Contact manufacturer direct)

RAPIDS-STANDARD CO., INC., THE

Rapistan Bldg.
Grand Rapids 2, Mich.
Phone: GL 9-0281
Ala. 57—Ark. 22, 65—Ark. 16—
Cal. 410, 694, 748, 1339—Colo. 139
—Conn. 459—D. C. 95—Fla. 76,

163, 258, 346—Ga. 262—Ill. 612,
1106—Ind. 353—Iowa 89—Ky. 80
—La. 163, 190—Md. 148—Mass.
257, 494, 600—Mich. 1012, 1358—
Minn. 38—Mo. 147, 499—Neb. 48—
N. J. 318—N. Y. 6, 312, 1341,
1475—Ohio 258, 844, 1033, 1586—
Okla. 176—Ore. 8, 41—Pa. 679,
788—S. C. 12, 29, 69—Tenn. 9, 215,
220—Tex. 191, 247, 402, 444, 639—
Utah 5—Va. 140, 156—Wash. 32,
308, 351, 377—W. Va. 29—Wis. 372
—Canada 30, 62, 111, 134, 391,
561

RAWLINGS GEAR WORKS, INC.

890 Hartford Pike
Shrewsbury, Mass.
Phone: VI 4-7261
Conn. 234

RAYBESTOS-MANHATTAN, INC.

Manhattan Rubber Div.
61 Willett St.
Passaic, N. J.
Phone: GR 3-2000
(See advertisement p. 18)
(Contact manufacturer direct)

RAYMOND CORP., THE

182 Madison Ave.
Greene, N. Y.
Phone: 202
Ala. 22—Ark. 42—Ark. 15—Cal.
375, 1339—Colo. 139—Conn. 413—
D. C. 95—Fla. 363—Ga. 273—
Hawaii 30—Ill. 53, 106, 1084, 1223
—Ind. 215—Iowa 32, 107—Ky. 57
—La. 50—Md. 148—Mass. 370—
Mich. 300, 862, 944—Minn. 184—
Miss. 19—Mo. 123, 496—N. Y. 237,
567, 808, 1541, 1601, 1604—N. C.
18—Ohio 64, 210, 1049, 1172, 1539
—Okla. 135—Ore. 41—Pa. 334,
967, 1156, 1168—Tenn. 20, 64, 79,
158, 220—Tex. 137, 736—Utah 5
—Va. 140, 156—Wash. 32, 308, 377
—W. Va. 73—Wis. 399—Canada
445, 549

RAYMOND MFG. DIV.

Associated Spring Corp.
226 S. Center St.
Corry, Pa.
Phone: 28-241
Cal. 214—Conn. 55, 270—Ill. 252—
Ind. 385—Ky. 120—Mich. 207, 615,
683—N. Y. 1019—Ohio 60, 581,
1131, 1254, 1281—Pa. 75, 431—R. I.
70—Wis. 128

READING CRANE & HOIST CORP.

2100 Adams St.
Reading, Pa.
Phone: FR 4-8238
Ala. 15—Ill. 384—Mich. 336—N. Y.
920—Ohio 870—Pa. 388, 1068—
Tex. 699

READING MACHINE CO., THE

Section Rd. & Penna. RR
Cincinnati 37, Ohio
Phone: EL 1-1900
(Contact manufacturer direct)

READY MACHINE TOOL & DIE CO., INC.

1321 Illinois Ave.
Connerville, Ind.
Phone: 1212
(Contact manufacturer direct)

READY TOOL CO., THE

150 Garfield Ave.
Stratford, Conn.
Phone: ED 7-3338
(See advertisement p. 496)
Ala. 94—Ark. 37—Ark. 24—Cal.
584, 1385—Colo. 58—Conn. 177,
328—D. C. 24—Fla. 68, 175, 272,
322—Ga. 165, 188, 352—Ill. 849—
Ind. 230, 425—Kan. 101—La. 181—
Me. 25—Md. 51—Mass. 59, 206,
533, 660—Mich. 692, 696, 1142—
Minn. 172—Mo. 162, 473—N. J.
409—N. Y. 27, 347, 442, 719, 1349,
1562, 1599—N. C. 33, 180—Ohio

208, 430, 926, 1093, 1178—Ore. 179
—Pa. 229, 568, 832—R. I. 14—S. C.
25—Tenn. 181, 250—Tex. 388—
Wash. 154—Wis. 174—Canada 451

REDIN PRODUCTION MACHINE CO.

2433 20th St.
Stockford, Ill.
Phone: WO 3-7634
(Contact manufacturer direct)

REDMER AIR DEVICES

7100 30th Ave., N.
St. Petersburg, Fla.
Phone: DI 5-9383
(Contact manufacturer direct)

REED-PRENTICE DIV.

Package Machinery Co.
W. Chestnut St.
East Longmeadow, Mass.
Phone: LA 5-3381
Cal. 697—Ill. 615—Mich. 125—
Mo. 197—N. Y. 1023, 1168—Ohio
845

REED ROLLED THREAD DIE CO.

791 Main St.
Holden, Mass.
Phone: VA 9-4491
Cal. 112—Colo. 80—Ill. 658—Ind.
195—Mich. 372—Mo. 433—N. J.
152—N. Y. 321, 849, 1549—Ohio
846—Pa. 651, 1026—Tex. 31, 685
—Wis. 423—Canada 80, 116, 401,
470, 584

REEVES-PULLEY DIV.

Reliance Electric & Engineering
Co.
1225 7th St.
Columbus, Ind.
Phone: DR 6-3311
Ala. 115A—Cal. 91A, 697A, 1058A
—Colo. 84A—Conn. 308A—Fla.
106A—Ga. 207A—Idaho 30—Ill.
616A, 1004A, 1195A—Ind. 112A,
355A—Ky. 106A—La. 136—Me.
10A—Md. 116A—Mass. 411A—
Mich. 48A, 1013, 1134A, 1331A—
Minn. 215A—Mo. 66, 524—Neb. 22
—N. J. 141—N. M. 10—N. Y. 314,
1024, 1344, 1543—N. C. 114—Ohio
373, 849, 1112, 1257, 1627, 1723—
Okla. 119—Ore. 171—Pa. 77, 1052,
1254, 1314—S. C. 60—Tenn. 189—
Tex. 296, 690, 905—Utah 85—Va.
11, 112—Wash. 248, 343—W. Va.
40—Wis. 12, 359

REHNBERG-JACOBSON MFG. CO.

2135 Kishwaukee St.
Rockford, Ill.
Phone: WO 8-2461
Cal. 272—Ill. 243—Ind. 45—Mich.
236, 922—Minn. 94—N. J. 153—
N. Y. 1239, 1574—N. C. 19—Ohio
370, 453—Pa. 739—Tex. 685—
Wash. 282—Canada 116

REICH MFG. CO., J. R.

201 E. Stroop Rd.—P. O. Box 2152
Dayton 29, Ohio
Phone: AX 3-1045
(Contact manufacturer direct)

REICHOLD CHEMICALS, INC.

525 N. Broadway
White Plains, N. Y.
Phone: WH 8-6200
Ala. 213—Cal. 29, 1530—Colo. 31—
Fla. 106, 225—Hawaii '24—Ill. 7,
825—Kan. 23—Ky. 106—La. 153—
Mass. 21—Mich. 623—Minn. 287
—Mo. 522—N. J. 140—N. Y. 1145,
1542—N. C. 112—Ohio 74, 847—
Pa. 683, 1050—Tex. 295, 689—
Wash. 229—Wis. 357

REID TOOL SUPPLY CO.

332 W. Delano Ave.
Muskegon, Mich.
Phone: 63-561
Cal. 792

REIFF & NESTOR CO.

Lykens, Pa.
Phone: GL 3-7113
(Contact manufacturer direct)

REINHARDT BOHLE MACHINE TOOLS

2190 E. 40th Ave.
Denver, Colo.
Phone: AC 2-2262
(Contact manufacturer direct)

RELI-A-CHECK CORP.

2614 Industrial Way
Santa Monica, Calif.
Phone: WA 5-8601
(Contact manufacturer direct)

RELANCE ELECTRIC & ENGINEERING CO.

24701 Euclid Ave.
Cleveland 17, Ohio
Phone: RE 2-7000
Ala. 115A—Cal. 91A, 697A, 1058A
—Colo. 147—Conn. 308A—D. C.
65A—Fla. 106A—Ga. 207A—Idaho
30—Ill. 616A, 1004A, 1195A—Ind.
112A, 355A—Ky. 106A—La. 128A
—Me. 10A—Md. 116A—Mass.
411A—Mich. 48A, 1013, 1134A,
1331A—Minn. 215A—Mo. 173A,
524—Neb. 22—N. J. 141—N. M.
10—N. Y. 314, 1024, 1344, 1543—
N. C. 114—Ohio 373, 849, 1112,
1257, 1627, 1723—Okla. 119—Ore.
171—Pa. 77, 1052, 1254, 1314—
S. C. 60—Tenn. 189—Tex. 296,
397, 690, 905—Utah 85—Va. 112—
Wash. 248, 343—W. Va. 40—Wis.
12, 359

REM SALES, INC.

P. O. Box 41
West Hartford 7, Conn.
Phone: AD 3-3663
Ill. 880—N. J. 434

REMINGTON ARMS CO., INC.

939 Barnum Ave.
Bridgeport 2, Conn.
Phone: ED 3-1112
Cal. 62—Conn. 56—Ill. 1073—Kan.
24—N. Y. 1023—N. C. 178—Ohio
850, 1341—Tenn. 190

REN PLASTICS, INC.

5422 S. Cedar St.
Lansing 9, Mich.
Phone: TU 2-2411
Ariz. 11—Cal. 311, 677, 1557—
Conn. 433—Ga. 266—Ill. 376—Ind.
526—Iowa 52—Kan. 102—Mich.
625—Minn. 255—Mo. 162, 600—
N. Y. 101, 330—Ohio 945, 1353,
1528, 1546—Okla. 118—Pa. 828—
Tex. 488—Utah 3—Wash. 266—
Wis. 62, 94

RENEWAL SERVICE, INC.

2700 N. 17th St.
Philadelphia 32, Pa.
Phone: BA 9-6330
(Contact manufacturer direct)

REPUBLIC DRILL & TOOL CO.

Div. of Avildsen Tools &
Machines, Inc.
322 S. Green St.
Chicago 7, Ill.
Phone: TA 9-5300
(Contact manufacturer direct)

REPUBLIC DRILL & TOOL CO.

Div. of Avildsen Tools &
Machines, Inc.
100 Lafayette St.
New York 13, N. Y.
(Contact manufacturer direct)

REPUBLIC DRILL & TOOL CO.

Div. of Avildsen Tools &
Machines, Inc.
600 W. Foothill Blvd.
Glendora, Calif.
(Contact manufacturer direct)

MANUFACTURERS

REPUBLIC GAGE CO.

2228 Fenkell Ave.
Detroit 38, Mich.
Phone: UN 1-0370
(Contact manufacturer direct)

REPUBLIC STEEL CORP.

Republic Bldg.
Cleveland 1, Ohio
Phone: PR 1-1400
Ala. 116—Cal. 699, 1340—Colo.
161—Conn. 100—Fla. 108—Ill. 617
—Ind. 356—Ky. 107—La. 155—
Mass. 138—Mich. 627, 1014—Minn.
325—Mo. 179, 525—N. Y. 315,
1026, 1544—Ohio 374, 852, 1259,
1672—Okla. 151—Pa. 684, 1053—
Tex. 296, 692—Wash. 230—Wis.
561

RESISTOFLEX CORP.

Roseland, N. J.
Phone: CA 6-7700
Cal. 22—D. C. 69—Fla. 226—Ga.
208—Ill. 618—La. 29—Mo. 200—
N. J. 203—N. Y. 382—Ohio 1259—
Ore. 143—Pa. 120—Tex. 299—
Wash. 205—Canada 353

RESKA SPLINE PRODUCTS CO.

25225 Easy St.
Warren, Mich.
Phone: PR 8-4000
Ariz. 37—Cal. 698, 1399—Ill. 47—
Ind. 478—Mass. 666—Mich. 850—
Minn. 296—Mo. 183, 546—N. J.
592—N. C. 19—Ohio 201, 810, 1620
—Okla. 154—Pa. 337, 934, 1208—
Wash. 244—Wis. 206—Canada 148

RELTOOL CORP.

4540 W. Burnham St.
Milwaukee 46, Wis.
Phone: EV 4-7330
Ala. 126—Ariz. 84—Cal. 674—
Conn. 65—D. C. 24, 87—Ga. 248—
Ill. 477—Ind. 16, 38, 39—Kan. 84—
Ky. 101—Md. 64, 70—Mass. 91, 660
—Mich. 247, 515, 887, 936, 1307—
Minn. 91, 233—Mo. 57, 394—N. J.
469—N. Y. 368, 576, 719, 824, 1249
—Ohio 278, 992, 1635—Okla. 24—
Ore. 131—Pa. 188, 496, 692, 842—
Tenn. 101, 102—Tex. 634—Va. 45
—Wash. 265

REULAND ELECTRIC CO.

3001 W. Mission Rd.
Alhambra, Calif.
Phone: CU 3-4171
Ariz. 8—Cal. 35, 197, 269, 940—
Colo. 138—Ill. 651—La. 52—Mass.
201—Mich. 402, 1070—Minn. 215—
N. J. 281—N. Y. 84, 244—N. C.
105—Ohio 339, 446—Ore. 190—
Pa. 76, 100, 1317—Tex. 636—
Wash. 281—Wis. 380

REVERE COPPER & BRASS, INC.

230 Park Ave.
New York 17, N. Y.
Phone: MU 9-6800
Cal. 1341—Colo. 162—Conn. 317
—Fla. 232—Ga. 209—Ind. 357—La.
156—Md. 119—Mass. 139—Mich.
628, 1015—Minn. 219—Mo. 201,
526—N. Y. 316, 1027, 1345, 1397—
Ohio 375, 854, 1260—Pa. 1054,
1285—R. I. 5—Tex. 300, 694—
Wash. 231—Wis. 362

REVOLVATOR CO.

2083 - 86th St.
North Bergen, N. J.
Phone: UN 9-1220
Ala. 63—Cal. 818, 1327—Conn. 41
—Fla. 217—Ga. 130—Ill. 533—Ind.
36, 107, 301—Ky. 113—La. 122—
Md. 112, 207—Mass. 331, 430—
Mich. 281—Minn. 312—Mo. 131,
498—N. J. 445—N. Y. 85, 451, 795,
1475—N. C. 88—Ohio 218, 598,
1080, 1238, 1646—Ore. 145—Pa.
96, 331, 344, 465, 1134—R. I. 1—
Tenn. 91—Tex. 350—Va. 17, 95—
Wash. 75—W. Va. 28—Wis. 121—
Canada 364

REYNOLDS METALS CO.

P. O. Box 2346-ZB
Richmond 18, Va.
Phone: AT 2-2311
Ala. 117—Ariz. 87—Ark. 25—Cal.
701, 1131, 1342—Colo. 163—Conn.
200—D. C. 66—Fla. 207, 374—Ga.
211—Ill. 620, 917—Ind. 358, 546—
Iowa 133—Kan. 112—Ky. 106—
La. 157—Md. 213—Mass. 140—
Mich. 27, 1016, 1096, 1332, 1359—
Minn. 220—Mo. 202, 527—Neb. 62
—N. J. 53, 402—N. Y. 26, 317,
1028, 1346, 1545—N. C. 115—Ohio
37, 376, 857, 1082, 1261, 1628, 1724
—Okla. 40, 152—Ore. 163—Pa. 30,
1055, 1315—Tenn. 191, 256—Tex.
301, 696, 807, 869—Utah 76—Va.
114—Wash. 232, 341—Wis. 364

REZOLIN, INC.

1651 - 18th St.
Santa Monica, Calif.
Phone: UP 0-7328
Cal. 1426—Colo. 225—Ill. 304—
Kan. 72—Mich. 629—Minn. 218—
Pa. 1220—Tex. 726—Canada 313

RHODES, INC., M. H.

30 Bartholomew Ave.
Hartford 6, Conn.
Phone: JA 2-4265
Ariz. 63—Cal. 514, 979—Colo. 59
—Conn. 282, 461—Fla. 38—Hawaii
10—Ill. 279—Iowa 114—Kan. 126
—La. 72—Md. 60—Mich. 282—
Minn. 196—Mo. 458, 500—N. Y.
453, 783—N. C. 102—Ohio 352, 701
—Pa. 138, 1007—Tenn. 235—Tex.
315—Wash. 217—Canada 239

RHOADS & SONS, J. E.

2100 W. 11th St.
Wilmington 99, Del.
Phone: OL 6-6513
Ga. 212—Ill. 622—N. Y. 1029

RICE PUMP & MACHINE CO.

600 Park St.
Belgium, Wis.
Phone: AV 5-2621
(Contact manufacturer direct)

RICHARDS BROTHERS PUNCH DIV.

Allied Products Corp.
26500 Capitol Ave.
Detroit 39, Mich.
Phone: KE 5-4400
(See advertisement p. 219)
Ala. 129—Cal. 677—Conn. 339—
Ga. 193—Ill. 372—Ind. 211—Ky.
32—Mass. 236—Minn. 214—Mo.
433—N. J. 437—N. Y. 406, 491—
N. C. 169—Ohio 859, 1270—Pa.
230, 544—Tenn. 257—Tex. 353—
Wis. 416—Canada 460

RICHARDS CO., J. A.

903 N. Pitcher St.
Kalamazoo, Mich.
Phone: FI 3-4684
(See advertisement p. 231)
Cal. 1308, 1511—Ill. 119, 644—
Mass. 55—Mich. 394—Minn. 203—
N. J. 492—N. Y. 1089—Ohio 1373
—Pa. 42—Wash. 259—Wis. 398

RICO TOOL CO.

5915 Dixie Hwy.
Saginaw, Mich.
Phone: PL 4-6320
(Contact manufacturer direct)

RIDGE TOOL CO., THE

400 Clark St.
Elyria, Ohio
Phone: FA 2-4651
Cal. 965, 1566—Conn. 98—Ga. 259
—Ill. 861—Mass. 461—Mich. 77—
Minn. 314—Mo. 204—N. Y. 468—
Ohio 368, 1493—Okla. 72—Pa. 110
—Tex. 712—Va. 6—Wash. 219

RIGGS CO., WM. L.

600 S. 129th East Ave.
Tulsa 12, Okla.
Phone: TE 8-1576

Cal. 99—Ill. 854—Ind. 299—Mo.
235—N. H. 32—Tex. 329—Canada
210

RIGID PRODUCTS CO.

487 Compton Rd. - P. O. Box 162
Cincinnati 15, Ohio
Phone: WE 1-2932
Ala. 107—Cal. 442, 443, 616—
Colo. 4—Conn. 354, 394—Fla. 21,
344—Ill. 1169—Ind. 164—Iowa 52,
174—Ky. 98—Md. 120—Mich. 20,
43, 728, 914, 1123, 1162, 1199, 1224
1324—Minn. 123—Mo. 372, 578—
N. J. 487, 599—N. Y. 42, 373—
Ohio 366, 816, 822, 977, 1048, 1191,
1195, 1595, 1629—Pa. 496, 1059—
Tenn. 123—W. Va. 18—Wis. 363

RING PUNCH & DIE DIV.

The Producto Machine Co.
19 Fenton Pl.
Jamestown, N. Y.
Phone: 8959
(Contact manufacturer direct)

RITE-O-TOOL & GAGE CO.

321 W. 10 Mile Rd.
Hazel Park, Mich.
Phone: LI 5-4500
Ariz. 54—Cal. 894, 1504—Conn.
91, 220—D. C. 92—Ga. 336—Ill.
118, 337—Ind. 164—Iowa 123—
Mass. 593—Mich. 294, 887, 1058,
1206—Minn. 175—Mo. 338—N. J.
406—N. Y. 1211—N. C. 141—Ohio
708, 1247, 1410, 1528—Pa. 1103,
1197—R. I. 14—Tex. 610—Utah 3
Wis. 383—Canada 142, 586

RITMAR CORP.

183 Goodman St.
Huntington, N. Y.
Phone: HA 7-7135
Ala. 196—Cal. 1564—Conn. 263—
Fla. 73, 83, 175, 335—Ill. 478—
Ind. 166—Kan. 114—Mass. 19, 525
—Mich. 20, 238, 605—Minn. 67,
255—Mo. 57, 596—N. J. 34, 522,
138—N. Y. 394, 1583—Ohio 667,
1215—Okla. 164—Pa. 554—Wis.
245—Canada 515

RIVETT LATHE & GRINDER, INC.

18 Riverview Rd.
Brighton, Boston 35, Mass.
Phone: ST 2-4530
Ala. 15, 94—Cal. 46, 615, 900, 1452
—Colo. 95, 142—Conn. 137, 202—
Fla. 110, 174—Ga. 221—Ill. 290,
1254—Ind. 372, 404—La. 181—Md.
165—Mass. 143, 627—Mich. 394,
463, 887—Minn. 283, 327—Mo. 508,
546—N. J. 281—N. Y. 290, 321,
449, 1036, 1322, 1531, 1549—N. C.
94—Ohio 410, 836, 904, 1204—
Okla. 69—Ore. 58—Pa. 2, 702,
798, 1083—Tex. 472, 724, 754—
Utah 46—Va. 99, 120—Wash. 259
—W. Va. 87—Wis. 201—Canada
417

RO-LETT TOOLS & DIE MFG.

1823 5th St.
Berkeley 10, Calif.
Phone: TH 8-0812
(Contact manufacturer direct)

ROBBINS & MEYERS, INC.

1345 Lagonda Ave.
Springfield, Ohio
Phone: FA 3-6461
Cal. 623, 1182—Ill. 629—La. 74—
Mich. 830—Minn. 217—Mo. 205—
N. Y. 1030—Ohio 864—Okla. 158
—Pa. 1221—Tenn. 169—Tex. 200,
515

ROBBY ELECTRIC MFG. CO.

5900 Euclid Ave.
Cleveland 3, Ohio
Phone: EN 1-5160
Cal. 287, 408—Fla. 41—Ill. 275—
N. Y. 347—Ohio 191, 250, 291,
666, 729, 865, 915, 1431—Pa. 437

ROBERTSON MFG. CO.

S. Penna. Ave. & Green St.
Morrisville, Pa.
Phone: CY 5-7181
Cal. 677—Conn. 337, 493—Fla. 27
—Ga. 247—Idaho 11—Ill. 636—
Ind. 221—Mich. 274, 974—Mo. 457
—N. J. 87—N. Y. 94, 196, 596,
1210A—Ohio 558—Pa. 261, 909,
1199, 1265—S. C. 72—Tenn. 93—
Tex. 614—Wis. 75

ROBINSON TECHNICAL PRODUCTS, INC.

Teterboro Air Terminal
Teterboro, N. J.
Phone: AT 8-2500
Ill. 304—Mich. 696—N. Y. 682,
1562—Ohio 979—Okla. 129—Pa.
482—Canada 244, 434, 477, 606,
611

ROCHELLEAU TOOL & DIE CO., INC.

650 N. Main St.
Leominster, Mass.
Phone: KE 7-5346
Ala. 155, 158—Cal. 827, 1255—
Conn. 34, 145—Fla. 12, 22, 178,
184—Ill. 961, 1030—Ind. 519—
Kan. 123—Mass. 25, 137, 194, 330,
332, 391, 400, 649, 654, 692—Mich.
383, 988, 1333—Mo. 630—N. H. 29
—N. J. 424—N. Y. 240, 445, 458,
459, 1034, 1070, 1441—Ohio 265,
570, 1108, 1266, 1373, 1606—Okla.
129—Ore. 44—R. I. 42—Canada
372, 535, 562

ROCHESTER BEVEL GEAR CO.

625 S. Goodman St.
Rochester 20, N. Y.
Phone: BR 1-5221
N. Y. 1032

ROCHESTER GEAR SERVICE

419 Cox Bldg. 36 St. Paul St.
Rochester 4, N. Y.
Phone: BA 5-0929
(Contact manufacturer direct)

ROCKFORD CLUTCH DIV.

Borg-Warner Corp.
1301 18th Ave.
Rockford, Ill.
Phone: WO 2-0621
Mich. 674—Tex. 493

ROCKFORD DIE & TOOL WORKS, INC.

1816 - 17th Ave.
Rockford, Ill.
Phone: WO 4-8603
Cal. 72—Conn. 104—Ill. 206, 361,
585, 1033—Minn. 296—N. Y. 114,
442, 632, 715—Ohio 1263—Tex.
762—Wash. 134

ROCKFORD ENGINEERED PRODUCTS CO.

2324 - 23rd Ave.
Rockford, Ill.
Phone: WO 4-4659
Cal. 51, 730—Colo. 48—Conn. 401,
479—Ill. 495, 1037, 1157, 1166—
Mass. 676—Mich. 768, 1129, 1234
—Minn. 296—Neb. 37—N. J. 534
—N. Y. 93, 272, 715—Ohio 1234,
1263, 1373—Pa. 367—Tex. 216,
330, 340—W. Va. 18—Wis. 388—
Canada 156

ROCKFORD MACHINE TOOL CO.

2500 Kishwaukee St.
Rockford, Ill.
Phone: WO 3-7611
Ala. 87—Cal. 615, 1517—Colo. 131
—Ga. 221—Ill. 405—La. 100, 210
—Mass. 195—Mich. 593—Minn.
203—Mo. 508—N. J. 71—N. M.
15—N. Y. 1442—Pa. 54, 1083, 1272
—Tex. 203, 766—Utah 42—Va.
120—Wash. 92—Wis. 436

MANUFACTURERS

ROCKWELL MFG. CO.

400 N. Lexington Ave.
Pittsburgh 8, Pa.
Phone: CH 1-8400
(See advertisement p. 12)
Cal. 941—Ga. 216—Ill. 632—N. Y.
466—Pa. 1059—Canada 175

ROCKWIN MFG. CO.

80 Magnolia Ave.
Westbury, N. Y.
Phone: ED 3-0875
Cal. 463—Fla. 184—Ill. 495—N. J.
534—N. Y. 769

RODGERS HYDRAULIC, INC.

7401 Walker St.
Minneapolis 26, Minn.
Phone: WE 8-6371
Cal. 764, 1517—Colo. 131—Ill. 295
—Kan. 123—La. 100—Mich. 394—
Mo. 96, 569—N. Y. 862—Ohio 825
—Pa. 499, 1106—Tex. 618, 766,
846—Va. 62—Wash. 132—Wis.
367

ROGERS & CO., INC.,

SAMUEL C.
2070 Sheridan Dr.
Buffalo 23, N. Y.
Phone: VI 8600-1
(Contact manufacturer direct)

ROGERS MFG. CO., DAYTON

2824 S. 13th Ave.
Minneapolis 7, Minn.
Phone: TA 5-2471
Cal. 981, 1397—Colo. 80—Fla. 165
—Ill. 181, 1212—Iowa 101—Md.
122—Mass. 464—Mich. 1110, 1285
—Mo. 627—N. J. 32—N. Y. 1334
—N. C. 106—Ohio 775, 1171—
Pa. 430, 1031—Tenn. 130—Wis.
335

ROLL FORMED PRODUCTS CO.

3767 Oakwood Ave.
Youngstown, Ohio
Phone: SW 9-3221
Cal. 969—Ill. 449, 1234—Ky. 95—
Mass. 372—Mich. 466—Mo. 393—
N. Y. 542, 810, 1172—N. C. 43—
Ohio 583, 1323, 1673—Pa. 404, 729
—Tenn. 30—Wash. 192—Wis. 302

ROLL-IN SAW CO.

Main St.
Parma, Mich.
Phone: JE 1-4835
Cal. 58, 644, 906—Conn. 219—Fla.
15, 171—Ga. 19, 221—Ill. 176, 430,
495, 505, 858, 1030—Ind. 21, 275,
575—Md. 120—Mass. 84, 686—
Mich. 1, 215, 394, 958—Minn. 99,
203—Mo. 138, 143, 448—Neb. 37—
N. J. 219—N. M. 15—N. Y. 257,
297, 458, 550, 842, 1333—N. C. 39,
206, 232—Ohio 63, 1205—Pa. 190,
521, 1106—S. C. 56—Tenn. 193—
Tex. 243—Va. 13, 28—Wash. 261
—W. Va. 36—Wis. 323—Canada
398

ROLLER BEARING CO. OF AMERICA

Sullivan Way
Trenton, N. J.
Phone: EX 3-7191
Ala. 154—Cal. 236—Colo. 164—
Ill. 323, 653—Kan. 55, 76—Mass.
629—Mich. 1348—Minn. 260—Mo.
434—N. J. 613—N. C. 241—Ohio
862—Pa. 247—Tex. 105—Wash.
155—Wis. 63—Canada 530

ROLLWAY BEARING CO., INC.

541 Seymour St.
Syracuse 4, N. Y.
Phone: GR 5-2121
Cal. 751—Ill. 635—Mass. 422—
Mich. 636—N. Y. 1546—Ohio
1315—Pa. 686, 1060—Tex. 659

ROOT CO., B. M.

420 S. Sherman St.
York, Pa.
Phone: 5449

Cal. 601, 1023—D. C. 39—Fla. 372
—N. Y. 755—Pa. 675

ROOVERS-LOTSCH CORP.

525 Bridge St. - P. O. Box 97
Old Forge, Pa.
Phone: GL 7-6737
(Contact manufacturer direct)

ROSAEN CO., THE

1776 E. 9 Mile Rd.
Hazel Park, Mich.
Phone: JO 6-4778
Ala. 7—Cal. 942, 1506—Colo. 213
—Conn. 33—Fla. 92—Ga. 193—Ill.
311, 574—Ind. 41, 85, 325, 539—
Iowa 98—Kan. 74—Ky. 129—Md.
73—Mass. 271, 621—Mich. 285,
463, 805, 887, 1111—Minn. 4, 24,
33—Mo. 51, 494—N. J. 281—N. Y.
309, 1335, 1487—Ohio 324, 725,
1069, 1236—Okla. 35, 141—Ore.
164—Pa. 2, 190, 1120—S. C. 9—
Tex. 318, 387, 713, 775—Wash.
237—W. Va. 87—Wis. 299, 316—
Canada 92, 118, 130, 240, 411, 613

ROSAN, INC.

2901 W. Coast Hwy.
Newport Beach, Calif.
Phone: LJ 8-5533
Cal. 862, 1455, 1505—D. C. 68—
Mich. 637—N. J. 404—Ohio 1265
—Wash. 250

ROSS EQUIPMENT CO., INC.

75 College Ave.
Rochester 7, N. Y.
Phone: BR 1-5660
(Contact manufacturer direct)

ROSS MFG. CO.

6210 Carnegie Ave.
Cleveland 3, Ohio
Phone: HE 1-8005
Ala. 158—Ga. 340—Ill. 706, 711,
1007, 1181—Mass. 482—Mich. 696,
1216, 1232—N. J. 9—N. Y. 368,
1574—N. C. 33—Ohio 545, 1059,
1592—Pa. 558—Va. 106—Canada
193

ROSS OPERATING VALVE CO.

120 E. Golden Gate Ave.
Detroit 3, Mich.
Phone: FO 6-3340
(See advertisement p. 526)

Ala. 8—Cal. 349, 1163—Colo. 213
—Conn. 16, 397—Fla. 63—Ga. 10
—Hawaii 14—Ill. 789, 1164—Ind.
432—Iowa 69, 183—Ky. 132—La.
165, 220—Md. 212—Mass. 396—
Mich. 677, 807, 1030, 1091—Minn.
121—Mo. 179, 494—N. J. 397—
N. Y. 356, 383, 419—N. C. 179—
Ohio 84, 112, 440, 784, 1418, 1610,
1694—Okla. 98—Ore. 30, 107—
Pa. 162, 790—R. I. 62—S. C. 62—
Tex. 167, 572—Utah 11—Va. 118
—Wash. 144, 330—Wis. 217—
Canada 19, 33, 158, 259, 543

ROTARY LIFT CO.

Div. of Dover Corp.
1054 Kansas St.
Memphis 6, Tenn.
Phone: WH 8-8561

Ala. 187, 200—Ariz. 79—Cal. 194,
581, 929, 962, 1063, 1415—Colo. 52,
62, 195—Conn. 285, 506—D. C. 37
—Fla. 105, 193, 348—Ga. 99—
Idaho 6—Ill. 319, 364, 461, 639,
932, 1009, 1178, 1256—Ind. 95, 374,
550—Iowa 93—Kan. 7, 11, 113—
Ky. 19, 41—La. 134, 142, 215—
Me. 27—Md. 39—Mass. 44, 209,
495—Mich. 140, 954, 1117, 1220—
Minn. 10, 158, 285, 331—Miss. 15,
37—Mo. 46, 92, 145, 173, 1880, 207,
405, 532—Neb. 14, 56—N. H. 28—
N. J. 116—N. M. 22, 58—N. Y. 32,
61, 179, 218, 438, 569, 761, 1035,
1139, 1242, 1505, 1612—N. C. 11
—N. D. 6—Ohio 164, 222, 867,
925, 967, 1033, 1172, 1594, 1712—
Okla. 21—Ore. 146—Pa. 23, 31,
216, 662, 696, 970, 1122, 1124, 1177,
1294, 1323—S. C. 27—S. D. 8—
Tenn. 78, 141, 154, 217, 249—Tex.

35, 70, 97, 215, 409, 450, 551, 615,
765, 801, 812, 818, 861, 887—Utah
38—Va. 47—Wash. 254, 359—
W. Va. 29, 62—Wis. 17, 328, 358,
463—Canada 114, 123, 229, 248,
346, 392, 536, 539, 557

ROTARY TOOL CO.

4461 W. Jefferson Ave.
Detroit 9, Mich.
Phone: TA 6-1300
Ala. 155—Cal. 592—Conn. 400—
Ill. 29—Ind. 408—Mass. 406—
Mich. 381, 662, 1072, 1128, 1351
—N. Y. 555, 1627—Pa. 943

ROTEX PUNCH CO., INC.

2350 Alvarado St.
San Leandro, Calif.
Phone: EL 7-3600
D. C. 73—Ill. 585—N. Y. 1049—
Tex. 227

ROTHERM ENGINEERING CO., INC.

7280 W. Devon Ave.
Chicago 31, Ill.
Phone: NE 1-9292
Cal. 946—Colo. 91—Conn. 363—
D. C. 18—Idaho 7—Ky. 7—Mich.
765—Minn. 212—N. Y. 861—Ohio
929—Pa. 90, 964—S. C. 51—Tenn.
131—Tex. 451, 800—Wash. 170—
Wis. 187—Canada 504

ROTHFUSS TOOL CO.

247 Washington Ave.
P.O. Box 2697—Elmwood Station
Providence 7, R. I.
Phone: WI 1-7816
Cal. 411, 694—Conn. 139—Fla. 184
—Ill. 230, 434, 495, 505—Mich.
169, 614—Minn. 296—Mo. 361—
N. J. 46, 427—N. Y. 257, 722, 946,
1043—Ohio 326, 980, 1161, 1218,
1234, 1373—Pa. 980—Tenn. 38—
Va. 39—Wash. 164—Canada 193

ROTO-FINISH CO.

3700 Milham Rd.—P.O. Box 2065
Kalamazoo, Mich.
Phone: FI 3-5578
Ala. 66—Cal. 398, 1194, 1492—
Conn. 311, 424—Fla. 345—Ga. 249
—Ill. 52, 476, 708, 749, 923, 1065—
Ind. 500—Mich. 693, 836, 1299,
1392—Minn. 107—Mo. 81, 119,
373, 439, 462—Neb. 37—N. J. 393
—N. Y. 338, 410, 622, 1550, 1664—
Ohio 445, 949, 1139, 1283, 1284,
1381—Ore. 64—Pa. 1144—Tex.
107, 152, 237—Utah 24—Wash. 67
—Wis. 96—Canada 305

ROTOR TOOL CO., THE

26300 Lakeland Blvd.
Cleveland 32, Ohio
Phone: RE 1-8888
Ala. 42—Cal. 665, 705—Conn. 150
—Ga. 277—Ill. 394, 640—Ind. 547
—Iowa 75—Ky. 111—Md. 123—
Mass. 142—Mich. 640—Minn. 256
—Mo. 36, 533—N. J. 405—N. Y.
151, 1148—Ohio 39, 380, 1267, 1725
—Okla. 144—Pa. 319, 1062—Tex.
425—Wis. 373

ROUSE & CO., H. B.

2214 N. Wayne Ave.
Chicago 14, Ill.
Phone: LI 9-2562
(Contact manufacturer direct)

ROWBOTTOM MACHINE CO., INC.

Sheffield St.
Waterbury, Conn.
Phone: PL 5-0149
Mass. 501—Mich. 490

ROWE MACHINERY & MFG. CO., INC.

811 Regal Row
Dallas 7, Tex.
Phone: FL 7-3968
Ala. 158—Cal. 103, 960—Conn.
256, 467—Ga. 19—Ill. 501, 976—

Ind. 254—La. 100—Mass. 421, 671
—Mich. 207, 394—Minn. 231—
Mo. 86, 429—N. Y. 90, 428, 1039,
1311—N. C. 153—Ohio 88, 285,
775, 1197—Pa. 1087, 1272—S. C.
26—Tenn. 157—Tex. 239, 636—
Wash. 164—Canada 422

ROYAL INDUSTRIES, INC.

2961 E. Colorado Blvd.
Pasadena 8, Calif.
Phone: SY 6-9281
(Contact manufacturer direct)

ROYAL MASTER GRINDERS, INC.

State Hwy. 23
Riverdale, N. J.
Phone: TE 5-3500
Cal. 723—Colo. 80—Conn. 145,
488—Ill. 660—Ind. 326—Mass. 199
—Mich. 561—Mo. 95—Neb. 37—
N. Y. 141—Ohio 679, 1184—Okla.
24—Pa. 1115—R. I. 60—Tex. 326,
695—Wis. 386—Canada 422, 597

ROYAL OAK PRODUCTS CO.

28282 John R. St.
Madison Heights, Mich.
Phone: LJ 2-1780
Cal. 1504—Colo. 48—Ill. 100—
N. Y. 573, 746, 1043—Ohio 1102—
Pa. 340—Canada 314

ROYAL OAK TOOL & MACHINE CO.

Grinder Div.
29800 Stephenson Hwy.
P. O. Box 111
Royal Oak 3, Mich.
Phone: JO 4-6580
Ariz. 58—Cal. 259, 978—Colo. 80
—Conn. 126—Ga. 157—Ill. 718—
Ind. 164—Mich. 1188—Mo. 302—
Neb. 37—N. Y. 272, 573, 930, 1356
—Ohio 977, 1194—Ore. 68—Pa.
651, 1026, 1266—R. I. 56—Tex.
118, 559—Utah 26—Wash. 218—
Wis. 472—Canada 193

ROYAL TOOLS, INC.

449 York St.
Hanover, Pa.
Phone: ME 7-7111
Cal. 117, 391, 1188—Conn. 419—
Ill. 166, 832—Ky. 71—Mich. 221,
454—Minn. 279—Mo. 76, 336—
N. Y. 881—Pa. 287, 1158—Tenn.
99—Tex. 123—Va. 88—Canada
254, 300

ROYCO TAP & DIE CORP.

6829 Lincoln St.
North Branch, Mich.
Ala. 45—Ariz. 178—Cal. 894—
Colo. 133—Ga. 303—Ill. 271—Ind.
408—La. 181—Md. 32—Mass. 542
—Mich. 464, 800—Minn. 243—Mo.
487—Neb. 50—N. J. 42—N. M. 33
—N. Y. 290, 449, 1322, 1531—
Ohio 79, 256—Okla. 24—Ore. 123
—Pa. 1131—S. D. 16—Tenn. 85—
Tex. 762—Wash. 164—Wis. 345

ROYEL TOOLS

P. O. Box 7486
Minneapolis 22, Minn.
Phone: KE 7-4874
Cal. 711—Conn. 491—Ill. 74, 1194
—Iowa 25, 113—Mass. 570—Mich.
756—Mo. 372—N. J. 42, 590—
N. Y. 74—N. C. 233—Ohio 984—
Wis. 371—Canada 148

RUBBER & ASBESTOS CORP.

225 Belleville Ave.
Bloomfield, N. J.
Phone: PI 8-1300
Ill. 641—N. J. 119

RUEMELIN MFG. CO.

3897 N. Palmer St.
Milwaukee 12, Wis.
Phone: WO 2-6500
(Contact manufacturer direct)

MANUFACTURERS

RUSSELL, BURDSALL & WARD BOLT & NUT CO.

Midland Ave.
Port Chester, N. Y.
Phone: WE 9-6000
Cal. 707, 1348—Colo. 74—Ill. 643
—La. 121—Mich. 639—N. Y. 1194
—N. D. 8—Ohio 1477—Pa. 58,
1063—Tex. 305—Wis. 246

RUSSELL, HOLBROOK & HENDERSON, INC.

292 Madison Ave.
New York 17, N. Y.
Phone: MU 5-3494
Cal. 708

RUST-LICK, INC.

755 Boylston St.
Boston 16, Mass.
Cal. 301, 340, 927—Conn. 43, 462
—Fla. 23—Ill. 914, 1054—Ind. 83,
118—Iowa 66—Me. 26—Mass. 10,
11, 325, 326, 414, 542, 676—Minn.
329—N. J. 238, 576—N. Y. 132,
272, 570, 710, 1599, 1646—Ohio
256, 717, 899—Pa. 72, 222, 389,
454, 486, 884, 1313—R. I. 23—
Tenn. 1—Wis. 297, 379—Canada
193, 589

RUTHMAN MACHINERY CO.

1809-1821 Reading Rd.
Cincinnati 2, Ohio
Phone: MA 1-5462
(Contact manufacturer direct)

RYERSON & SON, INC., JOS.

2558 W. 16th St.
Chicago 8, Ill.
Phone: RO 2-2121
Cal. 160, 710—Colo. 170—Conn.
412—Ill. 644, 1201, 1232—Ind.
365, 548—Mass. 144—Mich. 643—
Minn. 227—Mo. 210, 538—N. J.
237—N. Y. 322—N. C. 117—Ohio
381, 869—Pa. 689, 1067—Tex. 306,
703—Wash. 239, 342—Wis. 376

RYMAN ENGINEERING CO.

523 Spring Ave.
Ellwood City, Pa.
Phone: PL 8-4546
Ala. 210—Cal. 170, 266—Ill. 285—
Mich. 83, 988—Mo. 473—N. Y.
546, 1124—Ohio 870—Pa. 1068,
1305—Tex. 599—Va. 62—Canada
437

— S —

SKF INDUSTRIES, INC.

Front St. & Erie Ave.
Philadelphia 32, Pa.
Phone: GA 6-6400
Ala. 122—Cal. 712, 1349—Colo.
171—Ga. 225—Ill. 977—Ind. 366—
Mass. 145—Mich. 644—Minn. 229
—Miss. 29—Mo. 540—N. J. 553—
N. Y. 323—N. C. 118—Ohio 389,
871, 1726—Okla. 156—Ore. 167—
Pa. 690, 1069—Tex. 307, 704—
Wash. 240—Wis. 376

S-P MFG. CORP., THE

30201 Aurora Rd.
Solon, Ohio
Phone: CH 8-6141
(See advertisement p. 60)
Ala. 39, 176—Cal. 683—Conn. 323
—Fla. 6—Ill. 44, 728, 865, 1147—
Ind. 195—La. 28—Mich. 645, 807,
1111—Minn. 40—Mo. 278—N. H.
32—N. J. 153—N. Y. 558, 1540—
N. C. 19—Ohio 285, 1197—Pa. 113,
966—Tenn. 123—Tex. 150—Utah
81—Va. 82—Wash. 21—Canada
23, 158

S & S MACHINERY CO.

140 - 53rd St.
Brooklyn, N. Y.
Phone: HY 2-7400
Cal. 713

SAFETY HARBOR TOOL & MFG.

255 S. 9th Ave.
Safety Harbor, Fla.
(Contact manufacturer direct)

SAHLIN ENGINEERING CO.

750 W. Maple Rd. - P.O. Box 289
Birmingham, Mich.
Phone: MU 9-1182
(Contact manufacturer direct)

SAL METAL PRODUCTS CO.

120 Freeman St.
Brooklyn 22, N. Y.
Phone: EV 9-2560
(Contact manufacturer direct)

SALES SERVICE MACHINE TOOL CO.

2361 University Ave.
St. Paul 14, Minn.
Phone: MI 6-8663
(Havir)
Ark. 23—Cal. 764, 1351—Colo.
131, 132—Ga. 221—Ill. 9—Ind. 254
—Md. 27—Mass. 155—Mich. 394—
N. Y. 655, 1538, 1578—N. C. 213—
Ohio 63, 429—Okla. 24—Ore. 157
—Pa. 585, 980—Tex. 472, 660—
Wash. 64—Wis. 337—Canada 345

SALES SERVICE MACHINE TOOL CO.

(Press-Rite)
Ala. 126, 156, 158, 196, 193—Ariz.
58—Ark. 10, 23—Cal. 764, 928,
1035, 1351—Colo. 131, 142—Conn.
44, 45—D. C. 16, 24—Fla. 68, 84,
174, 272, 344—Ga. 61—Idaho 14—
Ill. 9—Iowa 103, 144, 169, 183—
Kan. 84—Ky. 67, 85, 98—La. 58,
100, 181, 207, 210, 217—Md. 27—
Mass. 155—Mich. 394—Miss. 36
—Mo. 106, 164, 179, 339, 448, 476,
494—Neb. 23, 44—N. J. 367—
N. Y. 27, 119, 138, 200, 330, 257,
445, 550, 611, 639, 645, 680, 682,
837, 902, 1213, 1295, 1362, 1414,
1538, 1574, 1578—N. C. 19—Ohio
190, 278, 290, 429, 719, 1059, 1068,
1184—Okla. 32, 96, 126—Ore. 157
—Pa. 17, 33, 277, 691, 1105, 1162,
1304—S. C. 4—S. D. 7—Tenn.
155—Tex. 251, 415, 472, 766—
Utah 46, 62—Va. 59, 63—Wash.
259, 295, 347—W. Va. 18, 55—Wis.
50, 337

SALVO TOOL & ENGINEERING CO.

36441 Gratiot Ave.
Detroit, Mich.
Cal. 1410

SANDVIK STEEL, INC.

Coromant Carbide Div.
1702 Nevins Rd.
Fair Lawn, N. J.
Phone: SW 7-6200
Ariz. 37—Cal. 133, 319, 715, 763,
894, 1134—Colo. 99—Ill. 173, 646,
1205—Iowa 47—Mass. 666—Mich.
647, 887, 896, 931, 1098, 1349—
N. J. 164—N. Y. 299, 445, 779,
1266—Ohio 662, 873, 1263, 1597—
Ore. 76—Pa. 558, 790, 1266—
Tenn. 213—Tex. 424, 524—Wash.
253—Wis. 250

SANFORD MFG. CORP.

1020 Commerce Ave.
Union, N. J.
Ala. 98—Ariz. 33—Ark. 23—Cal.
453, 532, 616, 1308—Colo. 131—
Conn. 42, 343—D. C. 16, 61—Fla.
171—Ga. 61—Ill. 445, 1030—Ind.
44—Ky. 85—La. 207—Md. 51—
Mass. 59—Mich. 426, 483—Minn.
203, 231—Mo. 448—N. J. 219—
N. Y. 645, 682, 1538

SANSON & SONS, INC., HENRY E.

2215 N. American St.
Philadelphia 33, Pa.
Phone: GA 6-7723

Conn. 373—Ga. 227—Ill. 735—
Md. 35—Mass. 524, 599—Mich.
526—Mo. 181, 630—N. J. 210—
N. Y. 126—Pa. 566—Tex. 30—
Wash. 123

SANSTORM MFG. CO.

Santa Clara & H St.
Fresno 15, Calif.
Phone: AD 3-1139
(Contact manufacturer direct)

SARGENT ENGINEERING CORP.

2533 E. 56th St.
Huntington Park, Calif.
Phone: LU 3-4161
(Contact manufacturer direct)

SARGEANT & WILBUR, INC.

180 Weeden St.
Pawtucket, R. I.
Phone: PA 6-0013
Cal. 598—Colo. 101—Ill. 299—
Ind. 445—N. Y. 1357—R. I. 13—
Wash. 136

SAVAGE CO., W. J.

912 Clinch Ave. SW.
Knoxville 34, Tenn.
Phone: 2-6168
Ala. 158—Cal. 59, 532—Colo. 131
—Conn. 454—Fla. 84—Ga. 260—
Hawaii 29—Ill. 190—Ind. 389—
La. 171—Mass. 155—Mich. 833—
Minn. 203—Mo. 97, 325, 339—
Neb. 50—N. Y. 224, 655, 1213,
1554—Ohio 287, 786, 1059, 1211,
1373—Okla. 129—Ore. 82—Pa.
722, 790—Tenn. 38, 93—Tex. 116,
415, 660—Utah 62—Wash. 259—
Wis. 365—Canada 78, 400, 469,
583

SAXTON MFG. CO.

Saurenman Co., Inc.
1517 N. Potrero Ave.
South El Monte, Calif.
Phone: GI 4-116
Cal. 71—Colo. 90—Ill. 125—Ind.
553—Mo. 84—Neb. 37—N. Y. 102
—Tex. 514—Wis. 223—Canada 171

SCHAFFNER MFG. CO., INC.

21 Herron Ave.
Pittsburgh 2, Pa.
Phone: FO 1-9902
(Contact manufacturer direct)

SCHARMANN MACHINE CORP.

337 Blvd. of the Allies
Pittsburgh 22, Pa.
Phone: AT 1-6336
(See advertisement p. 220)

Conn. 256, 467—D. C. 16—Ga. 64
—Ill. 168—Ind. 178—Md. 27—
Mass. 421—Mich. 114, 1222—Mo.
302—Neb. 27—N. J. 360—N. Y.
253—Pa. 54, 206, 973—Wis. 159—
Canada 289, 498

SCHAUER MFG. CORP.

4500 Alpine Ave.
Cincinnati 42, Ohio
Phone: SY 1-3030
Cal. 532, 1255—Ill. 576—Ind. 298
—Mich. 351—Minn. 203—Mo. 97,
98, 361—N. Y. 346, 611, 1371, 1417,
1562—N. C. 169—Ohio 327, 786,
1184—Pa. 729, 992—Wash. 132

SCHERR-TUMICO

200 Lafayette St.
New York 12, N. Y.
Phone: CA 6-3512
Cal. 719—Ill. 648—Minn. 281

SCHERR-TUMICO CO.

St. James, Minn.
Phone: 5
(See advertisement p. 30)
Cal. 719—Ill. 648—Minn. 281—
N. Y. 1043

SCHMARJE TOOL CO.

107 Pine St.
Muscatine, Iowa
N. Y. 824

SCHMIDT, INC., GEO. T.

4100 N. Ravenswood Ave.
Chicago 13, Ill.
Phone: EA 7-0300
Ill. 945, 953—Ind. 370—Mich. 1172
—N. J. 457—Ohio 875—Tex. 708
—Wis. 493

SCHNELL TOOL & DIE CORP.

631 W. State St.
Salem, Ohio
Phone: ED 2-4686
(Contact manufacturer direct)

SCHRADER'S SON, A.

Div. of Scovill Mfg. Co., Inc.
470 Vanderbilt Ave.
Brooklyn 38, N. Y.
Phone: NE 8-4000
Ala. 158—Ariz. 39—Cal. 473, 772,
860, 1298, 1433—Colo. 106—Conn.
25, 203, 335, 427—Del. 11—Fla.
186, 272—Ga. 116—Ill. 361, 1093
—Ind. 33, 67, 262—Iowa 21, 55,
103, 169—Ky. 98—La. 32, 181—
Md. 27—Mass. 59, 208, 319, 646—
Mich. 696, 862, 1011, 1139, 1222,
1319, 1391—Minn. 39, 295—Mo.
245, 361—N. J. 54, 413, 576—N. M.
15—N. Y. 134, 290, 449, 1322—
N. C. 6, 144, 180, 194, 209—Ohio
27, 287, 979, 1059, 1120, 1606—
Okla. 24, 99—Ore. 58—Pa. 33, 72,
190, 339, 604, 1084, 1153, 1175,
1271—R. I. 44—S. C. 26—Tenn.
102, 139, 225—Tex. 41, 116, 520—
Utah 48—Va. 13, 62, 120—Wash.
69—W. Va. 87—Wis. 429—Canada
25, 78, 115, 400, 469, 583

SCHRAMM, INC.

900 E. Virginia Ave.
West Chester, Pa.
Phone: OW 6-2500
Cal. 720—D. C. 71—Ill. 652—
N. Y. 1044—Pa. 652

SCHRILLO AERO TOOL ENGINEERING CO.

8715 Melrose Ave.
Los Angeles 46, Calif.
Phone: OL 5-8890
Ala. 196—Ariz. 45, 178—Cal. 503,
958, 1105, 1298, 1364—Colo. 103—
Conn. 393—Ga. 19—Hawaii 20—
Ill. 96—Iowa 27—Kan. 100—La.
181—Mich. 837—Minn. 184, 254—
Miss. 36—Mo. 29, 97, 119, 160, 484
—Neb. 37—N. J. 242—N. M. 15—
N. Y. 124, 272, 840—Ohio 979—
Okla. 24, 108, 125—Ore. 76—
Tenn. 101—Tex. 487—Va. 135—
Wash. 105

SCHWARTZ PRECISION TOOL SALES CO.

17272 Mt. Elliott
Detroit 12, Mich.
Phone: TW 2-8323
(Contact manufacturer direct)

SCIAXY BROTHERS, INC.

4915 W. 67th St.
Chicago 38, Ill.
Phone: PO 7-5600
Cal. 722—D. C. 72—Ga. 219—Ill.
656—Mass. 147—Mich. 656—Mo.
212, 548—N. Y. 325, 1045—Ohio
880—Pa. 697—Tex. 466

SCIENTIFIC LUBRICANTS CO.

3469 N. Clark St.
Chicago 13, Ill.
Phone: BI 8-1817
Ore. 80—Wis. 387—Canada 159,
378, 568

SCREW MACHINE TOOL CO.

17565 Swift Ave.
Detroit 3, Mich.
Phone: TW 3-1800
Cal. 367—Ill. 576—Ind. 184—
Mich. 898—Minn. 176—Mo. 433—
N. J. 599—N. Y. 74—Ohio 775,
1183—Pa. 554, 1026—Tex. 150—
Vt. 12—Wis. 344—Canada 401

MANUFACTURERS

SCULLY-JONES & CO.

1946 S. Rockwell St.
Chicago 8, Ill.
Phone: BI 7-5900
(See advertisement p. 48)
Ala. 129, 196—Ariz. 45, 178—Cal.
292, 340, 503, 606, 926, 1134, 1241,
1407—Colo. 80—Conn. 7, 256, 467
—Fla. 84, 175, 395—Ga. 248—
Idaho 27—Ill. 161, 658, 711, 1093,
1187—Ind. 60, 238, 280—Iowa 110
—Kan. 81—Ky. 28—La. 98, 207—
Md. 32—Mass. 421—Mich. 23, 849,
958, 1088, 1123, 1166, 1222, 1324,
1350—Minn. 124—Miss. 36—Mo.
97, 372, 518—Neb. 50—N. J. 152—
N. M. 15—N. Y. 339, 442, 544, 849,
1388, 1418, 1535, 1574—N. C. 135,
187—Ohio 31, 40, 105, 285, 287,
810, 840, 1059, 1161, 1211, 1391,
1729—Okla. 24, 99—Ore. 91—Pa.
188, 568, 865, 903—R. I. 28—Tenn.
11, 38, 105, 170, 242—Tex. 53,
353, 471, 559, 766, 788, 879, 898—
Utah 72—Va. 63—Wash. 93—
W. Va. 18—Wis. 368—Canada 25,
78, 244, 400, 434, 469, 477, 583,
606, 610, 611

SEAL-PEEL, INC.

775 Stephenson Hwy.
Royal Oak 3, Mich.
Phone: JU 8-1055
Ala. 45, 165—Cal. 163—Conn. 460
—Fla. 166, 370—Ill. 531—Ind. 237
—Kan. 83—La. 32, 181, 217—
Mass. 10, 157—Mich. 963, 1089,
1121, 1225, 1340, 1349, 1350—
Minn. 296—Miss. 36—Mo. 57—
N. J. 577—N. Y. 1153—N. C. 187
—Ohio 853, 1584—Okla. 129—
Pa. 484, 1304—Tenn. 38—Tex.
472, 754—Vt. 8—W. Va. 18—
Canada 460

SEALOL, INC.

P. O. Box 2158
Providence 5, R. I.
Phone: ST 1-4700
Cal. 223, 1289—Conn. 101—Mass.
107—Mich. 425—Mo. 488—N. Y.
265—Ohio 828, 1691—Pa. 912—
Va. 73—Wash. 257—W. Va. 87—
Wis. 369—Canada 404

SEALUBE CO.

14 Valley St.
Wakefield, Mass.
Phone: CR 6-5740
Cal. 1168, 1241, 1596—Hawaii 19
—La. 4, 181—Md. 95—Mo. 557—
N. C. 85—Ore. 9, 180—Tex. 39,
478, 527—Wash. 353

SEARJEANT METAL PROD. INC.

1300 Mendon Pittsford Rd.
P. O. Box 74
Mendon, N. Y.
Phone: HO-87-J
Cal. 103, 262, 465, 524, 624, 969,
1308—Conn. 225, 280—Ill. 485,
760, 1118—Ind. 171—Iowa 112—
Ky. 102—Mass. 199, 425—Mich.
212, 659, 1135—Minn. 289, 327—
Mo. 543—N. J. 118—N. Y. 335,
741, 1448—Ohio 872, 979—Canada
402

SECRET MACHINE CO.

1507 M St., NW
Washington 5, D. C.
Phone: AD 4-5700
Ala. 85, 196—Cal. 615, 1255—
Conn. 9—Ill. 541—Ind. 326—Kan.
118—La. 32, 181, 217—Mich. 143—
Minn. 195—Miss. 36—Mo. 227,
569—N. Y. 173—Okla. 165—Tex.
285, 754—Wash. 64—Wis. 317

SEIBERT & SONS, INC.

Chenos, Ill.
Phone: WI 5-2411
(See advertisement p. 489)
Ariz. 37—Cal. 431, 894—Colo. 48,
58—Fla. 252—Ky. 130—Mich. 660
—Minn. 119—Mo. 50—N. C. 254
—Okla. 96—Tenn. 200—Tex.
195, 614—Utah 79—Wash. 244—
Canada 30, 148, 492

SELAS CORP. OF AMERICA

Limekiln Pike & Dreshertown
Rd.
Dresher, Pa.
Phone: MI 6-6600
Cal. 724—Colo. 175—Conn. 17—
Ill. 659—Mich. 661—N. J. 410—
N. Y. 1358—Ohio 887, 1276—
Pa. 158, 1074—Tex. 710—Wash.
241

SELLSTROM MFG. CO.

Hwy. 53 at U. S. 14
Palatine, Ill.
Phone: FL 8-2000
Ala. 120—Cal. 145—Ill. 1068—
Pa. 900—Tex. 858

SENECA FALLS MACHINE CO.

314-40 Fall St.
Seneca Falls, N. Y.
Phone: LO 8-5804
Ala. 94—Cal. 723, 1517—Conn.
476—D. C. 38—Ga. 64—Ill. 1081—
Ind. 389—Kan. 123—Mass. 143—
Mich. 236, 922—Minn. 203—Mo.
429—N. Y. 1036—Ohio 259, 669,
1053, 1597—Pa. 1048, 1219—Tenn.
159—Tex. 203, 524

SENSORY, INC.

111 New St.
Morristown, N. J.
Ill. 400

SENTRY CO., THE

62 Main St.
Foxboro, Mass.
Phone: KI 3-5330
Cal. 403—Ill. 662—Mich. 1386—
Minn. 55—Mo. 554—N. J. 583—
N. Y. 290, 449, 1322, 1531—N. C.
213—Ohio 1478—Pa. 190, 892—
Tex. 603

SERVICE MACHINE CO.

2310 W. 78th St.
Chicago 20, Ill.
Phone: PR 8-1200
Cal. 262, 1308—Conn. 44, 236—
D. C. 42—Fla. 57, 123, 272—Ga.
19, 248—Ill. 239, 403, 778, 1141—
Ind. 21, 254, 491—Iowa 16, 110—
Kan. 84—Mass. 261, 644—Mich.
113, 425, 760, 958, 1103, 1222—Mo.
476, 488—Neb. 50—N. J. 367, 408,
423—N. Y. 129, 550—Ohio 12, 63,
137, 202, 1055, 1184, 1730—Okla.
108—Pa. 629, 944—Tex. 280, 475,
660—Va. 155—Wash. 180, 210—
Wis. 144, 239, 387—Canada 100,
345, 410, 497

SERVICE MACHINE CO.

128 Miller St.
Elizabeth 4, N. J.
Phone: EL 4-9000-1-2-3
(Contact manufacturer direct)

SET SCREW & MFG. CO.

26 Main St.
Bartlett, Ill.
Cal. 244, 1370—Conn. 297—Ill.
22, 878—Mich. 514—Ohio 601—
Pa. 419—Wash. 209—Wis. 154

SEVERANCE TOOL INDUSTRIES, INC.

728 Iowa Rd.
Saginaw 1, Mich.
Phone: FL 3-8421
Ala. 140—Ariz. 37—Ark. 23—Cal.
725, 922—Colo. 80—Conn. 277—
Del. 7—D. C. 89—Fla. 84, 171,
186, 272, 313, 384, 397—Ga. 19,
221—Hawaii 12—Ill. 361, 664—
Ind. 39, 102, 131, 230, 519, 553—
Iowa 10, 103, 171—Kan. 98—Ky.
130—La. 181—Md. 156—Mass. 15
—Mich. 30, 958, 1064, 1089, 1120,
1262, 1368—Minn. 124—Mo. 29,
162, 473—Neb. 37—N. M. 15—
N. Y. 151, 240, 442, 1349, 1637—
N. C. 89, 185, 213—Ohio 442, 790,
841, 1089, 1306, 1635—Okla. 29,
129—Ore. 91, 95—Pa. 163, 188,

700, 923—S. C. 4, 40—Tenn. 56,
105, 213—Tex. 170, 252, 330, 754,
Utah 48—Vt. 18—Va. 43, 132—
Wash. 218, 336—Wis. 289

SEWALL MFG. CO., E. B.

705 Raymond Ave.
St. Paul 14, Minn.
Phone: MI 5-7721
Cal. 825, 1222—Wash. 97

SHAKER TOOL & DIE CO.

1080 E. 222nd St.
Cleveland 17, Ohio
Phone: IV 6-0900
(Contact manufacturer direct)

SHARON STEEL CORP.

Sharon, Pa.
(Contact manufacturer direct)

SHAW PROCESS DEVELOPMENT CORP.

Div. of British Industries Corp.
80 Shore Rd.
Port Washington, N. Y.
Phone: PO 7-7700
(Contact manufacturer direct)

SHEAR SPEED CHEMICAL CO.

7126 E. McNichols
Detroit 12, Mich.
Phone: TW 1-3111
Ga. 221—Iowa 180—La. 96—Mich.
662, 1090—Minn. 296—Pa. 85—
Tex. 754—Utah 72—Canada 459

SHEAR SPEED CHEMICAL PRODUCTS

Div. of Michigan Tool
1119 E. 10 Mile Rd.
Madison Heights, Mich.
Phone: LI 7-7344
(Contact manufacturer direct)

SHEFFER COLLET CO.

Traverse City, Mich.
Phone: WI 7-5755
Cal. 1009—Conn. 466—Ill. 503—
Iowa 52—Mich. 663, 1030, 1324—
Mo. 487—N. Y. 243, 1274—N. C.
123—Ohio 171, 775, 1631—Pa.
428, 934—Tex. 150—Wash. 244—
Wis. 385—Canada 422, 472

SHEFFER CORP., THE

328 W. Wyoming Ave.
Cincinnati 15, Ohio
Phone: VA 1-0320
Ala. 7—Cal. 493—Conn. 33—Ill.
371—Ind. 92, 372—Kan. 74—Ky.
114—Md. 37—Minn. 345—Mo. 51
—N. J. 177, 372—N. Y. 235, 1283,
1487—N. C. 59—Ohio 38, 384,
866, 1085, 1272—Okla. 60—Ore.
30, 107—Pa. 197, 575, 596, 912—
Tenn. 142—Tex. 218, 451—Wash.
144, 330—Wis. 352—Canada 399,
582

SHEFFIELD CORP.

Subsidiary of Bendix Aviation Corp.
Box 893
Dayton 1, Ohio
Phone: CL 4-5377

Ala. 158—Ariz. 84—Cal. 237, 726,
1135, 1218—Colo. 70—Conn. 449
—Ga. 89—Ill. 278, 607, 668, 1216
—Ind. 94, 377, 544—Kan. 102—
La. 171—Mass. 305—Mich. 664,
1018, 1324—Minn. 205—Mo. 135,
377—N. J. 67—N. Y. 483, 1553—
N. C. 247—Ohio 388, 890, 1009,
1277, 1466—Okla. 91—Pa. 195,
651, 897, 1327—Tenn. 56—Tex.
169, 574—Wash. 234—Wis. 290—
Canada 207, 431, 476, 604

SHELDON MACHINE CO., INC.

4258 N. Knox Ave.
Chicago 41, Ill.
Phone: MU 6-1970
Cal. 532, 615, 723, 906, 1298,
1517—Colo. 131—Conn. 45, 467—
D. C. 61—Ga. 221—Ill. 122, 230,

445—Ind. 21, 263—Ky. 85—Md.
175—Mass. 59—Mich. 394, 696,
862—Minn. 231—N. J. 388, N. Y.
153, 682, 1562—N. C. 87—Ohio
22, 621, 1729—Ore. 157—Pa. 521,
815, 1304—Tenn. 38—Tex. 116,
695—Va. 95—Wis. 398

SHELL CHEMICAL CO.

Division of Shell Oil Co.
30 W. 50th St.
New York 20, N. Y.
Phone: JU 6-5000
Cal. 135—Ill. 669—N. Y. 467—
Ohio 891

SHELL OIL CO.

30 W. 50th St.
New York 20, N. Y.
(Contact manufacturer direct)

SHEPPARD, STANLEY

30 Church St.
New York 7, N. Y.
Phone: BE 3-5970
Cal. 809, 1308—Colo. 100—Conn.
42—Ill. 116—Ind. 185—Ky. 85—
Mass. 199—Mich. 996, 1222—
Minn. 119—Mo. 476—Neb. 37—
N. J. 408—N. Y. 611—Ohio 619—
Okla. 96—Pa. 14, 598, 980—R. I.
69—Tex. 216—Wash. 295

SHERIDAN PRODUCTS, INC.

1054 E. Hyde Park Blvd.
Inglewood 3, Calif.
Phone: OR 1-1160
Cal. 216, 814—Conn. 400—Ga.
266—Ind. 33—Kan. 100—Ky. 140
—Mich. 712—Minn. 176—Mo. 97,
432, 572—N. Y. 327—Okla. 91,
125—Tex. 487—Wash. 268

SHORE INSTRUMENT & MFG. CO., INC.

90 - 35 Van Wyck Expresswy.
Jamaica 35, N. Y.
Phone: JA 6-4090
Ariz. 26—Cal. 387, 1185—Colo. 32
—Ill. 185, 339—Mich. 696—Minn.
207—Mo. 395—Ohio 635—Ore.
150—Pa. 879—Tex. 559—Wash.
243

SHUR-SAFETY MFG. CO.

901 N. Belleforte Ave.
Oak Park, Ill.
Phone: EU 6-5930
Ill. 760—N. Y. 1352—Wis. 338

SHWAYDER CHEMICAL METALLURGY CORP.

684 E. Woodbridge
Detroit 26, Mich.
Phone: WO 1-4946
(Contact manufacturer direct)

SIBLEY MACHINE & FOUNDRY CORP.

206 E. Tutt St.
South Bend 23, Ind.
(Contact manufacturer direct)

SID TOOL CO., INC.

164 Lafayette St.
New York 13, N. Y.
Phone: BE 3-4270
(Contact manufacturer direct)

SIDNEY MACHINE TOOL CO.

Subsidiary of Buhr Machine Tool Co.
Highland Ave.
Sidney, Ohio
Phone: HY 2-1241

Ala. 193—Ariz. 93—Cal. 453,
1278—Colo. 80—D. C. 21—Ga.
221—Ill. 465—Ind. 294—La. 58—
Mass. 155—Mich. 833, 971, 1222
—Mo. 95, 429—N. J. 71—N. Y.
321, 1549—N. C. 135—Ohio 904,
1105, 1133, 1569—Okla. 132—Ore.
162—Pa. 1083, 1272—Tenn. 159—
Tex. 250, 752—Utah 62—Va. 63
—Wash. 291, 322—Wis. 279

SIEBURG INDUSTRIES

Danbury Industrial Park
Danbury, Conn.
Phone: PI 3-7671

(Contact manufacturer direct)

SIER-BATH GEAR & PUMP CO.

9252 Hudson Blvd.
North Bergen, N. J.
Phone: UN 9-3000
Cal. 609, 1460—Conn. 118, 439
—Md. 146—N. J. 99, 297—N. Y. 41
489—Ohio 825—Tex. 459

SIER-BATH GEAR & PUMP CO., INC.

Pump & Coupling Div.

9252 Hudson Blvd.
North Bergen, N. J.
Phone: UN 9-3000
Ala. 52—Cal. 609, 1282, 1460—
Colo. 81—Conn. 118, 439—Ill.
722—La. 91—Md. 146—Mass. 354
—Mich. 1184—Minn. 318—Mo.
357—N. J. 99, 230, 297—N. Y. 41,
489—Ohio 825, 877, 1401—Okla.
155—Ore. 86—Pa. 610, 1101—
Tex. 107, 459, 633—Utah 68

SIERRA MACHINE CO.

733 Dwight Way
Berkeley 10, Calif.
Phone: TH 3-5005
Ariz. 37—Cal. 51, 133, 273, 279,
431, 443, 616, 876, 894, 1065, 1105,
1241, 1407—Colo. 58, 80, 142—
D. C. 24—Fla. 171, 184, 253—Ga.
61, 82—Idaho 10—Ill. 230, 505,
512, 604, 863, 1093, 1181, 1205—
Ind. 198, 519—Iowa 10, 35, 130,
171—Kan. 84, 101—Md. 32—Mich.
959, 1122, 1156, 1264, 1324—
Minn. 231—Mo. 162, 195, 473—
Neb. 37—N. J. 117—N. M. 15—
N. Y. 272, 442, 544, 952, 1350—
Ohio 252, 644, 1194, 1235—Okla.
29, 129—Pa. 280, 993—R. I. 81—
Tenn. 14—Tex. 11, 251, 695—
Va. 63—Wash. 69—Wis. 56, 323,
340, 455—Canada 528

SIEWEK TOOL CO.

2862 E. Grand Blvd.
Detroit 2, Mich.
Phone: TR 3-1750
(See advertisement p. 217)
Ariz. 88, 133—Cal. 293, 1065—
Colo. 195—Ga. 43—Ill. 576, 1187
—Ind. 61, 349, 519—Iowa 42, 113,
174—Kan. 125—Mass. 15—Mich.
875, 1222, 1324—Minn. 176—Mo.
138, 495—N. J. 392—N. Y. 139,
418, 450, 1418, 1535—Ohio 378,
641, 1235—Pa. 114, 1033—R. I. 28
—Tenn. 200—Tex. 252, 559—
Utah 3—Wis. 319, 455—Canada
593, 465

SIGMA MACHINERY, INC.

2 Park Ave.
New York 16, N. Y.
Phone: MU 3-4659
Cal. 513, 1102, 1251—Conn. 280—
Md. 127—Mass. 644—N. Y. 498,
1057

SIGOURNEY TOOL CO.

P. O. Box 2310
Hartford 1, Conn.
Phone: CH 2-2201
Conn. 475

SIGWEL CORP.

224 Glenwood Ave.
Bloomfield, N. J.
Phone: PI 8-3615
Conn. 43—Ill. 74, 1157—Mass.
601—Minn. 203—N. J. 384—N. Y.
846, 1017—Pa. 447, 934—R. I. 69
—Wis. 167—Canada 289

SILBER PRODUCTS, INC.

870 Essex St.
Brooklyn 8, N. Y.
Phone: NI 9-8609
Conn. 508—Ohio 964

SIMMONS CO., W. T.

601 Buchanan St. - Box 2747
Amarillo, Tex.
Phone: DR 4-8922
Cal. 49, 687—N. J. 534—Tex. 23,
252

SIMMONS FASTENER CORP.

N. Broadway
Albany 1, N. Y.
Phone: HO 2-5431
Cal. 126—Colo. 218—Ill. 140—
Ind. 498—Iowa 29—Mass. 402—
Mich. 599—Minn. 152—Mo. 609—
N. Y. 734—Ohio 427, 1420—Pa.
716, 960—Tex. 343, 566—Wis. 293

SIMONDS ABRASIVE CO.

Tacony & Fraley Sts.
Philadelphia 37, Pa.
Phone: FI 4-1234
Cal. 147, 1352—Ill. 672—La. 211
Mich. 665—N. Y. 1055—Ore. 173
—Pa. 703

SIMONDS GEAR & MFG. CO., THE

2501 Liberty Ave.
Pittsburgh 22, Pa.
Phone: GR 1-4070
Mich. 213—Minn. 134—N. Y. 895
—Ohio 1492, 1736

SIMONDS SAW & STEEL CO.

470 Main St.
Fitchburg, Mass.
Phone: DI 3-3731
Cal. 1354—Ill. 673—La. 211—
Mass. 148—Ore. 173

SIMPLATROL PRODUCTS CORP.

24 Salisbury St.
Worcester 5, Mass.
Phone: PL 6-8363
Cal. 457, 920—Colo. 108—Ill. 814
—Ind. 436—Ky. 65—Md. 49—
Mass. 335—Mich. 1038—Mo. 40,
396—N. J. 604—N. Y. 1195, 1300,
1513—Ohio 436, 815—Pa. 1076,
1223—Tex. 235—Utah 37—Wash.
216

SIMPLEX MACH. TOOL CORP.

4548 W. Mitchell St.
Milwaukee 46, Wis.
Phone: MI 5-2327
Cal. 857, 1241—D. C. 82—Ga.
221—Ill. 541, 1000—Ind. 326—
Kan. 86—La. 210—Mass. 121—
Mich. 532, 1222—Minn. 195—Mo.
96, 446—Neb. 27—N. Y. 301,
655, 1536—Ohio 309, 772—Okla.
129—Pa. 499, 973—Tenn. 50—Tex.
280, 766—Wash. 259—Wis. 317—
Canada 202, 422, 472, 597

SIMPLEX TOOL ENGINEERING CO.

Precision Thread Engineering Co.
2540 Park Ave.
Detroit 1, Mich.
Phone: WO 3-2303
(Contact manufacturer direct)

SIMPLICITY ENGINEERING CO.

209 S. Oak St.
Durand, Mich.
Phone: 46
Mich. 676

SIMPSON ELECTRIC CO.

5200 W. Kinzie St.
Chicago 44, Ill.
Phone: ES 9-1121
Cal. 603, 1337—Colo. 29—Ga. 185
—Ill. 377—Mich. 523—Minn. 110
—Mo. 449—Ohio 478—Ore. 63—
Pa. 607—Tenn. 127—Tex. 315—
Wis. 178—Canada 219

SIMPSON OPTICAL MFG. CO.

3200 W. Carroll Ave.
Chicago 24, Ill.
Phone: VA 6-3030
(Contact manufacturer direct)

SINCLAIR REFINING CO.

600 5th Ave.
New York 20, N. Y.
Phone: CI 6-3600
Ala. 130—Colo. 178, 179—D. C.
75—Fla. 111, 208, 375—Ga. 224,
332—Ill. 674, 675, 1016, 1269—
Ind. 9—Iowa 134—Kan. 28—Ky.
118—Md. 126—Mich. 1019—
Minn. 234—Miss. 30—Mo. 13, 217
—Neb. 65—N. J. 305—N. Y. 606,
1058, 1552—N. C. 120—Ohio 1091
—Okla. 159—Pa. 269, 704—S. C.
24—Tenn. 258—Tex. 319, 467, 468,
716, 871—Utah 86—Wis. 389

SINTERCAST DIV.

Chromalloy Corp.
134 Woodworth Ave.
Yonkers, N. Y.
Phone: YO 5-6767
Ala. 45, 102—Cal. 40, 1077—
Conn. 20, 264, 428—Fla. 4—Ga.
254—Ill. 973—Ind. 344, 408—Md.
90—Mass. 123—Mich. 594, 894,
1005—Minn. 330—Mo. 50—N. J.
249—N. Y. 684, 966, 1338, 1584—
N. C. 134—Ohio 33, 65, 1251, 1623
—Pa. 127, 628—R. I. 21—Tenn.
54—Wash. 244—Wis. 416

SIZE CONTROL CO.
Div. of American Cage & Machine Co.

2500 W. Washington Blvd.
Chicago 12, Ill.
Phone: MO 6-6710
Ariz. 58—Cal. 692, 1518—Colo.
36—Ga. 167—Ind. 237—Iowa 25
Mass. 443—Mich. 392, 1007—
Minn. 171—Mo. 235, 296—N. Y.
1113, 1339—Ohio 550—Pa. 383,
1103—Tenn. 123—Tex. 33—Wash.
244—Wis. 220—Canada 314, 437

SKIDMORE-WILHELM MFG. CO.

442 Green Rd.
Cleveland 21, Ohio
Phone: IV 1-4774
Cal. 373—Ohio 895

SKIL CORP.

5033 Elston Ave.
Chicago 30, Ill.
Ala. 134—Ariz. 91—Cal. 729,
1136, 1355—Colo. 180—Fla. 209—
Ga. 226—Ill. 678—Ind. 379—
Iowa 135—La. 166—Md. 128—
Mass. 149—Mich. 667—Minn. 236
—Mo. 219, 558—N. J. 218—N. Y.
329, 1059—N. C. 121—Ohio 390,
896—Okla. 42—Ore. 174—Pa. 705,
1078—Tenn. 195—Tex. 320, 718—
Wash. 249, 344—Wis. 390

SKINNER CHUCK CO., THE

95 Edgewood Ave.
New Britain, Conn.
Phone: BA 5-6421
(See advertisement p. 484)
Ala. 94, 159, 196—Ariz. 45—Ark.
21—Cal. 59, 238, 272, 319, 340,
503, 513, 602, 606, 711, 764, 797,
927, 958, 971, 1039, 1073, 1080,
1255, 1410, 1517—Colo. 4, 70, 72,
80, 100, 142, 158—Fla. 84, 158,
272, 395—Ga. 19, 221, 233, 293,
325, 333—Ill. 849, 1007, 1141, 1157,
1187—Ind. 11, 17, 223, 263, 553—
Ky. 98—La. 96, 146, 187, 207, 217
—Md. 27—Mich. 40, 212, 373,
1093, 1097, 1200, 1319—Miss. 18
—Mo. 97, 99, 119, 191, 227, 361,
429, 448, 488, 508, 569—N. J. 225,
242, 357, 408, 601—N. Y. 124, 584,
610, 682, 879, 982—N. C. 135, 146,
149, 176, 251—Ohio 383, 545, 786,
822, 1048, 1093, 1161, 1191, 1272,
1622—Okla. 24, 120, 129—Ore.
206—Pa. 72, 182, 447, 503, 702,
865, 1264, 1272—S. C. 2, 39, 56—
Tenn. 1, 101, 104, 105, 139, 170—
Tex. 116, 678, 700, 754, 846—
Utah 88—Va. 45, 63, 120—
Wash. 132, 259—Wis. 10, 52, 81,
89, 125, 174, 220, 239, 367, 368,
396, 415, 422, 455

SKINNER ELECTRIC VALVE DIV.

The Skinner Chuck Co.
95 Edgewood Ave.
New Britain, Conn.
Phone: BA 5-6421
(See advertisement p. 485)
Ala. 152—Ariz. 8, 101—Cal. 224,
849, 942, 1198, 1388, 1493—Colo.
18—Conn. 33, 203, 272—Fla. 74,
82, 145, 379—Ga. 108—Ill. 65,
310, 551, 679—Ind. 262, 491—Kan.
74—Ky. 75—La. 135—Md. 41,
199—Mass. 271, 418, 610, 621
—Mich. 55, 338, 373, 436, 909,
1222—Minn. 39—Mo. 40, 383—
N. J. 281, 372, 503—N. Y. 134,
265, 290, 449, 896, 1179, 1281,
1322, 1405, 1531—N. C. 71, 84
—Ohio 38, 264, 272, 686, 866,
1085, 1272, 1380, 1501, 1605—
Okla. 69—Ore. 107, 158—Pa. 57,
190, 443, 1057, 1223—R. I. 17—
S. C. 9—Tenn. 62, 139—Tex. 387,
495—Utah 73—Va. 124—Wash.
144—W. Va. 87—Wis. 162—Can-
ada 22, 64, 326, 483

SLOAN & CHACE MFG. CO.

344 Hickory St.
Kearny, N. J.
Phone: WY 1-2542
(Contact manufacturer direct)

SLOCAMB CO., J. T.

68 Matson Hill Rd.
South Glastonbury, Conn.
Phone: ME 3-9485
Ala. 158—Cal. 616, 730, 894, 1207
—Conn. 37, 97, 269, 299, 473—
Fla. 322—Ill. 96, 156, 495, 1169—
Ind. 11, 127, 223, 553—Kan. 52—
Ky. 39—La. 171—Md. 11—Mass.
40, 59, 61, 293, 316, 542, 660, 676
—Mich. 212, 696, 866, 1011, 1098,
1109, 1123, 1216—Minn. 124,
296—Mo. 361, 567—N. J. 37, 123,
143, 215, 376, 408, 568, 570, 572
—N. Y. 27, 272, 368, 447, 704,
1021, 1086, 1454, 1599—N. C. 89,
187—Ohio 256, 980, 1093, 1178,
1309, 1519, 1592, 1595—Okla. 120,
164—Ore. 131, 203—Pa. 188,
416, 503, 699, 842, 948, 1181,
1304—R. I. 20, 67, 74—Tenn. 38
—Tex. 243, 695—Wash. 253—
W. Va. 18—Wis. 285, 429, 490

SMIT & CO., INC., ANTON

111 8th Ave.
New York 11, N. Y.
Phone: CH 2-5800
Cal. 731, 1357—Colo. 3—Conn.
498—Fla. 308—Ga. 217—Ill. 655
—Ind. 393—Mass. 616—Mich.
936—Minn. 203—Mo. 90, 254—
N. J. 285, 293—N. Y. 456, 1215
—Ohio 897—Pa. 871—Tex. 559—
Wash. 234

SMITH CORP., A. O.

3533 N. 27th St.
Milwaukee, Wis.
Phone: UP 3-3000
(Contact manufacturer direct)

SMITH ENGINEERING & TOOL CO.

Box 94
Glen Ridge, N. J.
Phone: PI 4-0456
Cal. 687—Conn. 339—Fla. 6—
Mass. 400—Mo. 549—N. J. 21—
N. Y. 418, 461—Ohio 936, 1137,
1186—Pa. 1071—Wis. 414

SMITH & SON, INC., JAMES

982 Southbridge St.
Worcester 10, Mass.
Phone: PL 5-3760
Conn. 354—Ill. 168—Ind. 360,
372—Md. 41—Mass. 18, 297, 466
—Mich. 425—Mo. 569—N. J.
372—N. Y. 99, 1094, 1354, 1356,
1574—Ohio 429, 621, 1456, 1605,

MANUFACTURERS

SMITH & SONS, INC., JAMES
(cont.)
1691—Pa. 443, 521, 1115—R. I. 17
—Canada 64, 156, 384

SMITH WELDING EQUIPMENT CORP.

2633 4th St., SE.
Minneapolis 14, Minn.
Phone: FE 1-1311
(Contact manufacturer direct)

SNAP-ON TOOLS CORP.

8028 - 28th Ave.
Kenosha, Wis.
Phone: OL 4-8681
Ala. 135—Ariz. 92—Cal. 732, 947
—Colo. 182—Fla. 113, 211—Ga.
228—Ill. 682, 1116—Ind. 381—
Iowa 136—Ky. 119—La. 53—Md.
130—Mass. 150—Mich. 673—
Minn. 238—Mo. 220, 561—Mont.
25—Neb. 66—N. J. 412—N. Y.
130, 331, 1062—N. C. 124—Ohio
393, 1010, 1639—Pa. 283, 708, 1079
—Tex. 324, 719—Utah 89—Va.
121—Wash. 251—Wis. 391

SNOW MFG. CO.

333 Old Hook Rd.
Westwood, N. J.
Phone: NO 4-7030
(Contact manufacturer direct)

SNOW MFG. CO.

435 Eastern Ave.
Bellwood, Ill.
Phone: ES 8-7142
(See advertisement p. 49)
Cal. 207—Conn. 308—Ga. 64—Ill.
405—Kan. 84—Mich. 46, 315—
Minn. 119—Mo. 433—N. Y. 538,
1311—Ohio 1689—Pa. 752—Tex.
270

SNYDER CORP.

3400 E. Lafayette Ave.
Detroit 7, Mich.
Phone: LO 7-0123
(See advertisement p. 13)
Ill. 1076—Mich. 832—N. Y. 1421
—Ohio 1596—Canada 133

SOMMA TOOL CORP., INC.

1060 Scott Rd.
Waterbury, Conn.
Phone: PL 3-3141
Ariz. 37, 122—Cal. 51, 249, 1094,
1186—Colo. 80—Conn. 466—Fla.
184—Ga. 89—Ill. 168—Ind.
408—La. 201—Mich. 717—Minn.
119—Mo. 302—N. J. 42, 509—
N. M. 39—N. Y. 1525—N. C. 113—
Ohio 79, 299, 1290, 1591—Ore. 68
—Pa. 1264—R. I. 58—Tenn. 123
—Tex. 150—Utah 26—Wash. 244
—Wis. 385—Canada 544, 601

SONNET TOOL & MFG. CO.

576 N. Prairie Ave.
Hawthorne Calif.
Phone: OR 8-5651
Ariz. 37, 122—Cal. 51, 1056, 1094
—Colo. 97—Conn. 239—Ga. 264
—Ill. 69, 1157—Kan. 90—Md. 90
Mass. 17—Mich. 576, 1011—
Minn. 254—Mo. 487—N. J. 42—
N. Y. 355, 1531, 1638—N. C. 141
Ohio 935, 1122—Okla. 138—Ore.
68—Pa. 871—Tex. 326—Wash.
244—Wis. 488

SONOBOND CORP.

Subsidiary of Aeroprojects, Inc.
318 E. Rosedale
West Chester, Pa.
Phone: OW 6-4710
(Contact manufacturer direct)

SORENSEN CENTER-MIKES, INC.

264 Kossuth St.
Bridgeport 3, Conn.
Phone: ED 6-1871
(Contact manufacturer direct)

SOSSNER TAP & TOOL CORP.

29 Broadway
Lynbrook L. I., N. Y.
Phone: LY 9-7620
Cal. 584—Ga. 15—Ind. 349—
Mass. 685—Mo. 394—N. J. 175—
N. Y. 74—Tenn. 123

SOUTH BEND LATHE, INC.

425 E. Madison St.
South Bend 22, Ind.
Phone: CE 2-3311
Ala. 92—Ariz. 33, 123—Ark. 10,
23—Cal. 807, 1035, 1146—Colo.
72, 221—Conn. 145, 292, 343—
Del. 7—D. C. 16—Fla. 33, 73, 175,
186, 272, 373—Ga. 61, 352—Idaho
12—Ill. 768, 836, 849, 1002, 1093,
1157, 1266—Ind. 21, 44, 223, 499,
552—Iowa 8, 26, 34, 130, 180—
Kan. 6, 7, 120—Ky. 13, 98, 146—
La. 158, 210—Me. 2, 8—Md. 27,
184—Mass. 132, 233, 486, 519—
Mich. 1, 10, 225, 483, 857, 897,
937, 1088, 1145, 1200, 1222, 1234,
1255, 1333, 1368—Minn. 209, 384,
—Mo. 29, 57, 488, 617—Mont. 9,
10, 15, 28, 33, 34—Neb. 14, 37,
74—N. J. 252—N. M. 15—N. Y.
27, 57, 290, 445, 449, 642, 665,
784, 1162, 1176, 1213, 1322, 1531,
1603, 1619, 1623—N. C. 45, 86, 89,
143, 151, 169, 180, 194, 218, 228,
234, 245, 251—N. D. 7—Ohio 36,
278, 856, 1081, 1184, 1628—Okla.
24, 98, 120—Ore. 179—Pa. 208,
680, 1105, 1180, 1261, 1324—R. I.
69—S. C. 6, 17, 32, 39—S. D. 6,
15—Tenn. 32, 93, 170, 263—Tex.
11, 61, 64, 280, 421, 476, 766, 787,
792, 846, 888—Utah 82—Vt. 1—
Va. 49, 120, 146, 170—Wash. 259,
347—W. Va. 18—Wis. 422

SOUTHCORP DIV.

South Chester Corp.

Lester, Pa.
Phone: LE 4-1800
Ariz. 55—Cal. 733, 752, 920—
Colo. 167—Conn. 222—Fla. 243—
Ill. 686—Ind. 382—Iowa 94—Md.
131—Mass. 151—Mich. 475—
Minn. 302—Mo. 74, 528—N. Y.
520A, 1064A—N. C. 108—Ohio
394, 695—Okla. 162—Pa. 364, 1044
—Tex. 219, 721—Utah 79—Wash.
11—Wis. 392—Canada 45, 122,
367, 538

SOUTHWEST PRODUCTS

1705 S. Mountain Ave.
Monrovia, Calif.
Phone: EL 8-0181
(Contact manufacturer direct)

SPARKLER MFG. CO.

Conroe, Tex.
Phone: PL 6-4471
Cal. 1336, 1503—Colo. 64—Ga.
343—Ill. 197, 954—Mass. 90—
Mich. 550—N. Y. 850—Ohio 183,
528—Ore. 189—Pa. 297, 812—
Tenn. 150—Tex. 327, 723—Wash.
23

SPAULDING FIBRE CO., INC.

310 Wheeler
Tonawanda, N. Y.
Phone: JA 2000
Cal. 65, 83, 735, 736—Conn. 57—
Ga. 234—Ill. 37, 688, 689, 690—
Ind. 96, 383—Md. 132—Mass. 152,
594—Mich. 678, 1165—Mo. 562,
563—N. J. 55, 606—N. Y. 1064,
1556, 1588, 1655—Ohio 900, 1280,
1482—Wis. 393—Canada 406

SPE-D-CUT TOOL CO.

P. O. Box 551
Hannibal, Mo.
Phone: 5852
Fla. 252—Ill. 261, 714, 988, 1148
—Ind. 11, 39, 61, 120—Mass. 593
—Mich. 565—Mo. 97, 302—N. Y.
849, 1150—N. C. 141—Ohio 810,
1370—Pa. 311, 411—R. I. 4—
Tenn. 123—Wis. 233

SPECIAL CHEMICALS CORP.

100 S. Water St.
Oasining, N. Y.
Phone: WI 1-5052
Cal. 1086—Conn. 205—Ill. 470—
Mass. 694—Mich. 763—Va. 43—
Wis. 281

SPECIAL DRILL & REAMER CORP.

408 E. 14 Mile Rd.
Madison Heights, Mich.
Phone: LI 8-6544-5
Ariz. 132—Conn. 113, 438—Ind.
236—Mich. 131, 186, 320, 1218,
1316—Mo. 425—N. Y. 1150, 1651—
Ohio 449, 1635—Pa. 1245—Wis.
252—Canada 141

SPECIAL ENGINEERING SERVICE, INC.

7630 Wyoming
Dearborn, Mich.
Phone: TE 4-8700
Cal. 369—Conn. 121, 225—Ill. 224
—Ind. 254—Mich. 966—Minn. 149
—Mo. 626—N. Y. 155—Ohio 63,
1353—Pa. 585, 973—Wis. 336

SPECIAL MACHINE & ENGINEERING, INC.

20000 W. 8 Mile Rd.
Southfield, Mich.
Phone: KE 2-7800
(Contact manufacturer direct)

SPECIAL MACHINERY DIV.

The Product Machine Co.
925 Housatonic Ave.
Bridgeport 1, Conn.
Phone: FO 7-8675
Ala. 28—Cal. 1080—Conn. 15,
93—Fla. 393—Ill. 304—Ind. 266
—Mich. 114—Mo. 483—N. Y. 301,
585, 1419—N. C. 38, 169—Ohio
370, 904—Pa. 752, 1083

SPECIALTY PRODUCTS CO.

190 Warren St.
Jersey City 2, N. J.
Phone: HE 4-4700
(Contact manufacturer direct)

SPEED-D-BURR CORP.

3613 San Fernando Rd.
Glendale 4, Calif.
Phone: CH 5-6883
(Contact manufacturer direct)

SPEED LINE DIV.

Diamond Die & Mold
12806 Fisk
Warren, Mich.
Phone: PR 1-7335
(Contact manufacturer direct)

SPEED SELECTOR, INC.

516 E. Washington St. - P. O.
Box 312
Chagrin Falls, Ohio
Phone: CH 7-6474
Cal. 31, 261, 452, 939, 955, 1137, 152
Conn. 119, 342, 354—Fla. 84, 175,
242, 269, 274, 379—Ill. 651—Ind.
103, 262, 283, 528—Iowa 23, 62,
109—Md. 153—Mass. 135, 508,
646—Mich. 862, 1136, 1229, 1311,
1319—Minn. 182, 311—Mo. 388—
Neb. 61—N. J. 352, 432, 464—N.
M. 31—N. Y. 125, 319, 718, 1277,
1414, 1567, 1568—N. C. 160—Ohio
1, 188, 461, 526, 1470, 1626—Ore.
92—Pa. 167, 274, 731, 1104—R. I.
55—Tenn. 176—Tex. 128, 362—
Wash. 17, 289, 369—Wis. 48, 93
—Canada 231

SPEEDGRIP CHUCK

Div. of Ernest, Holdeman &
Collet Inc.,
820 N. Ward St.
Elkhart, Ind.
Phone: JA 2-3525

Cal. 516—Ill. 992, 1083—Ind. 217
Mass. 27—Mich. 1296—Minn. 255
—Mo. 296—N. J. 597—N. Y. 373,
1398—N. C. 113—Ohio 362, 884
—Wis. 81, 131

SPELLMAN MFG. CO., R. L.

623 Madriver Pike
Urbana, Ohio
Phone: 3-3432
Cal. 127, 616, 945—Fla. 184—Ga.
43—Ill. 495—Mass. 313—Mich. 459,
773, 1167, 1232, 1375—Minn. 203
Mo. 90, 102, 549—N. J. 534—Ore.
66—Tex. 252, 330

SPEARMAN METAL SPECIALTIES

2199 E. 21st St.
Brooklyn 29, N. Y.
Phone: IN 2-2168
Cal. 616—Ill. 230—Mich. 169

SPERRY PRODUCTS CO.

Div. of Howe Sound Co.
Shelter Rock Rd.
Danbury, Conn.
Phone: PI 8-3581
Ala. 138—Cal. 304, 738, 1299—
Colo. 154—Conn. 225—Ill. 501,
514, 691—Ind. 308—Mass. 28—
Mich. 119, 670, 680—Mo. 37, 564
—N. Y. 1065—Ohio 440, 456, 934
—Pa. 574, 1071, 1082, 1122—Tex.
727—Va. 123—Wash. 147—Can-
ada 167, 416

SPIRAL CARBIDE TOOL CO.

12931 Artesian
Detroit 23, Mich.
Phone: VE 7-6036-7
Ind. 198, 512—Mich. 377—Mo.
473—N. Y. 660—Wash. 69—Wis.
467

SPIRAL STEP TOOL CO.

5400 N. Damen Ave.
Chicago 25, Ill.
Phone: LO 1-5384
Cal. 115—Fla. 384—Ind. 195—
Mich. 1218—Minn. 67—Mo. 162,
373—N. J. 354—Ohio 395—Pa.
1203—Wis. 81, 437

SPIRITFIRE TOOL & MACHINE CO.

2931 N. Pulaski Rd.
Chicago 41, Ill.
Phone: AV 6-1610
Cal. 532, 723, 1255—Colo. 142—
D. C. 24—Kan. 123—La. 171—
Mich. 696—Minn. 243, 284—Mo.
119, 429—Neb. 37—N. J. 67—N.
Y. 290—Ohio 429—Ore. 96—Pa.
598, 815—Tenn. 38—Tex. 285, 766
—Wis. 398—Canada 583

SPLINE-MASTER SALES ENGINEERING CO.

17901 E. Warren Ave.
Detroit 24, Mich.
Phone: TU 4-4270
Ga. 89—Ill. 598—Ind. 445—
Mass. 669—N. J. 547—N. Y. 1557
—Ohio 568, 1137

SPRINGFIELD CAST PRODUCTS, INC.

124 Switzer Ave.
Springfield 9, Mass.
(Contact manufacturer direct)

SPRINGFIELD MACHINE TOOL CO., THE

631 W. Southern Ave.
Springfield, Ohio
Phone: FA 3-8632
Ala. 87—Cal. 93, 764—Colo. 89
—Conn. 291—D. C. 91—Ga. 19—
Ill. 1081—Ind. 17, 217—La. 101
Mass. 84—Mich. 614—Minn. 13—
Mo. 57, 448—N. Y. 200, 862,
1398—N. C. 19—Ohio 327, 786—
Pa. 499, 798—Tenn. 93—Tex. 280,
754—Wash. 164

MANUFACTURERS

SPUCK IRON & FOUNDRY CO.

3145 N. 14th St.
St. Louis 7, Mo.
Phone: CE 1-771
(Contact manufacturer direct)

SQUARE D CO.

4041 N. Richards St.
Milwaukee 12, Wis.
Phone: ED 2-2000
(Contact manufacturer direct)

ST. LOUIS GEAR CO., INC.

Hwy. 218
Keokuk, Iowa
Phone: 4125
Mo. 541

STA-PUT LITE & EQUIPMENT CORP.

1502 S. 44th St.
Milwaukee 14, Wis.
Phone: EV 4-2335
Cal. 340—Ind. 484, 531—Mass. 83
—Mich. 1335—Okla. 108—Tex.
472—Wis. 9, 193

STA-WARM ELECTRIC CO.

121 N. Chestnut St.
Ravenna, Ohio
Phone: AX 6-6462
Cal. 640, 1309—Colo. 65—Conn.
249—Ga. 23—Ill. 734—Ind. 190
—Iowa 82—Md. 117—Mass. 134
Mich. 669—Minn. 263—N. J. 19
—N. Y. 291, 1324—Ohio 392, 471
Ore. 136—Pa. 256—Tenn. 247—
Tex. 371, 763—Wash. 190—Wis.
225

STAATS & STAATS, INC.

Rt. 30 E. & Thompson Lane
Irwin, Pa.
Phone: UN 3-5901
(Contact manufacturer direct)

STADOIL MFG. CO.

P. O. Box 408
Huntington Park, Calif.
Conn. 269, 472—Ill. 892, 1244—
Ind. 425—Mass. 67, 646—Mich.
278, 1216—N. J. 354, 469—N. Y.
112, 1294—Ohio 1205, 1450—Pa.
525, 1324

STACE-ALLEN CHUCK, INC.

1242 Shepard St.
Indianapolis 21, Ind.
Phone: ME 2-2608
Ariz. 132—Cal. 373—Ill. 168—
Ind. 102, 194—Iowa 38—Mich.
1119, 1345—N. H. 32—N. J. 437,
480—N. Y. 409, 626—Ohio 790,
1622—Pa. 485—Tex. 385—Wis.
408—Canada 288, 469

STACKBIN CORP.

1079 Main St.
Pawtucket, R. I.
Phone: PA 2-1600
(Contact manufacturer direct)

STAHL GEAR & MACHINE CO., THE

3901 Hamilton Ave.
Cleveland 14, Ohio
Phone: HE 1-2820
(Contact manufacturer direct)

STALLMAN GEAR MFG. CO., INC., THE

527 W. Rich St.
Columbus 22, Ohio
Phone: CA 4-3394
(Contact manufacturer direct)

STANDARD AUTOMOTIVE PARTS CO.

660 Nims St.
Muskegon, Mich.
Phone: PA 2-6646
(Contact manufacturer direct)

STANDARD CONVEYOR CO.

315 NW. 2nd St.
North St. Paul 9, Minn.
Phone: SP 7-1355
Ala. 96—Ariz. 75—Cal. 741, 1149
—Colo. 124—Conn. 396—Fla. 383
—Ga. 222, 308—Ill. 695, 1260—
Ind. 36, 107, 301—La. 150—Md.
100—Mass. 367—Mich. 602, 997,
1192—Mo. 88, 382—Neb. 41—N.
M. 38—N. Y. 390, 451, 1067,
1378, 1551, 1589—N. C. 53—Ohio
385, 684, 1086, 1273—Okla. 10,
140—Ore. 75—Pa. 331, 410, 988—
Tenn. 49, 96, 112—Tex. 116, 702,
856—Utah 110—Va. 110—Wash.
91—W. Va. 28—Wis. 394

STANDARD DIAMOND TOOL CORP.

71 W. 47th St.
New York 36, N. Y.
Phone: CI 6-1475
Cal. 740—Ill. 466

STANDARD DIE SET CO.

Div. Harsco Corp.
1485 Elmwood Ave.
Providence 7, R. I.
Phone: ST 1-2000
(See advertisement p. 226)
Ala. 129—Cal. 520—Conn. 62,
481—Fla. 322—Ga. 277—Ill. 1187
—Ind. 385—Iowa 10—Kan. 90—
Ky. 120—Md. 97—Mass. 622, 670
—Mich. 683—Mo. 84, 488—N. J.
225—N. Y. 334, 604—N. C. 254—
Ohio 1281, 1604—Pa. 163, 431,
1324—Tex. 353—Wis. 69

STANDARD DIE SET CORP.

Div. of Harsco Corp.
2700 W. Warren Ave.
Detroit 2, Mich.
Phone: TY 8-8400
Ala. 129—Cal. 520—Ill. 869,
994, 1187—Ind. 385—Iowa 10—
Kan. 90—Mich. 429—Minn. 214
—Mo. 84, 488—N. Y. 225, 334,
355, 543, 1574—Ohio 1281, 1544,
1604—Ore. 68—Pa. 1067, 1167—
Tenn. 257—Tex. 353—Wash. 47,
164—W. Va. 18—Wis. 69, 416

STANDARD ELECTRIC MFG. CO., INC.

Haddon Ave.
West Berlin, N. J.
Phone: RO 7-0207
Tex. 214

STANDARD ELECTRICAL TOOL CO., THE

2488 River Rd.
Cincinnati 4, Ohio
Phone: GR 1-6200
Cal. 597, 1328—Conn. 499—Ga.
40—Ill. 1307—Kan. 40—Md. 121
Mich. 1344—N. Y. 253, 525—Ohio
233, 242—Pa. 1256—Tex. 219

STANDARD GAGE CO., INC.

70 Parker Ave.
Poughkeepsie, N. Y.
Phone: GR 1-3100
Ala. 6—Cal. 730, 894—Colo. 89—
Conn. 482—Ill. 920—Ind. 408—
Iowa 180—Mass. 458—Mich. 684
—Minn. 254—Mo. 244, 495—N. J.
508—N. Y. 42—Ohio 229, 905—Pa.
357—Tex. 31, 685—Wash. 44—
Canada 44, 176, 288, 455, 496

STANDARD HORSE NAIL CORP.

New Brighton, Pa.
Phone: TI 6-4660
Cal. 1536, 1587—Ill. 936—Mass.
368—Mich. 82—N. J. 403—Ohio
51—Okla. 130—Pa. 814—Tenn.
24

STANDARD INSTRUMENT CORP.

Div. of Heat-Timer Corp.
657 Broadway
New York 12, N. Y.
Phone: OR 3-3200

Cal. 1074—Ill. 309—Mich. 1383—
Mo. 551—N. J. 257—Ohio 218,
889—Tex. 231

STANDARD OIL CO. OF CALIFORNIA

Western Operations, Inc.
225 Bush St.
San Francisco 20, Calif.
Phone: SU 1-7700
Ariz. 95—Cal. 191, 742, 1060, 1360
—Hawaii 25—Ore. 178—Utah 93
—Wash. 258, 346

STANDARD OIL CO. (INDIANA)

910 S. Michigan Ave.
Chicago 90, Ill.
Phone: HA 7-9200
Ill. 696—Ind. 386—Iowa 137—
Mich. 685—Minn. 239—Mo. 225,
566—Wis. 397

STANDARD PARTS CO.

1000 Broadway
Bedford, Ohio
Phone: BE 2-2800
Cal. 353, 1075, 1407—Colo. 195—
Conn. 277—Ill. 261, 980—Ind.
70, 209—Kan. 83—Mass. 309—
Mich. 406—Minn. 67—Mo. 57,
549—N. J. 406—N. Y. 1540, 1583
—N. C. 254—Ohio 884, 1183, 1505
—Okla. 129—Pa. 441—Tex. 207—
Wis. 395—Canada 388

STANDARD PORTABLE CORD CO., INC.

Valley St.
Mayville, N. Y.
Phone: PL 3-5621
(Contact manufacturer direct)

STANDARD PRESSED STEEL CO.

Jenkintown, Pa.
Phone: TU 4-7300
Cal. 153—Ill. 697—Mich. 686
Canada 408

STANDARD SCREW CO.

2601 Washington Blvd.
Bellwood, Ill.
Ariz. 78—Cal. 322—Conn. 180—
Ill. 26—Ohio 1322—Tex. 641—Va.
129—Wash. 227

STANDARD SHOP EQUIPMENT CO.

82nd & Tincum Ave.
Philadelphia 42, Pa.
Phone: SA 9-5369
(Contact manufacturer direct)

STANDARD STEEL SPECIALTY CO.

Beaver Falls, Pa.
Phone: TI 6-7600
Ala. 132—Cal. 1450—Colo. 188—
Ind. 128—Mass. 372—N. Y. 407,
810—Ohio 355, 868—Ore. 187

STANDARD TOOL CO.

3950 Chester Ave.
Cleveland 14, Ohio
Phone: HE 1-5140
Cal. 743, 1361—Ill. 699—Mich.
687—N. Y. 1068—Tex. 331

STANDARD TOOL CO.

216 Hamilton St.
Leominster, Mass.
Phone: KE 4-4961
Cal. 1499—Ill. 1033—Mich. 173—
Minn. 243—N. Y. 792, 997—Can-
ada 318

STANDARD TOOL & MFG. CO.

237 Laurel Ave.
Kearny, N. J.
Phone: WY 1-5500
Ill. 171—Mich. 716—Minn. 243
—R. I. 56

STAPLE ENGINEERING CO., INC.

1315 S. Woodward Ave.
Birmingham, Mich.
Phone: MI 4-6310
(Contact manufacturer direct)

STAR CUTTER CO.

34500 Grand River Ave.
Farmington, Mich.
Phone: KE 3-4500
Ariz. 129—Cal. 1186—Colo. 89
Conn. 101—Ga. 57—Ill. 1015,
1149—Ind. 362, 391, 408—Md.
25—Mich. 1245—N. J. 592—N. Y.
402—Ohio 955—Okla. 105—Pa.
121—Tex. 336—Wash. 164

STAR STAINLESS SCREW CO.

655 Union Blvd.,
Totowa-Borough
Paterson, N. J.
Phone: CL 6-2300
Cal. 1362—Ind. 388—Ohio 397—
Pa. 1086—Tenn. 202—Tex. 332—
Utah 94—Wash. 260

STARK TOOL CO.

Box 288 - 5270 Geddes Rd.
Ann Arbor, Mich.
Phone: HU 3-4235
Ariz. 52—Cal. 532, 1255—Conn.
314—Ill. 1038—Ind. 254—Mich.
15, 1238—N. Y. 475—Ohio 592—
Pa. 542—Va. 73

STARRETT CO., THE L. S.

1-165 Crescent St.
Athol, Mass.
Phone: CH 9-3551
Cal. 745—Ill. 701—N. J. 535

STEBAR CO.

217-221 28th Ave., N.
Minneapolis 11, Minn.
Phone: JA 2-5912
(Contact manufacturer direct)

STECO CORP., THE

308 Cross St. - P.O. Box 2238
Little Rock, Ark.
Phone: FR 5-5644
Cal. 1589—Conn. 244—Ill. 267—
Mich. 379—Ohio 438, 894—Tex.
98—Canada 268

STEEL CITY TESTING MACHINES, INC.

8817 Lyndon Ave.
Detroit 38, Mich.
Phone: WE 3-3500
Ala. 29—Cal. 278, 1419—Colo. 89
—Ga. 77—Ill. 671—Ind. 390—
Mass. 616—Mich. 166—Mo. 432—
N. J. 146—N. Y. 991—Ohio 251,
916—Pa. 1087—Tex. 329, 559—
Wash. 296—Wis. 296—Canada 510

STEEL PRODUCTS ENGINEERING CO.

Div. of Kelsey-Hayes Co.
1205 W. Columbia St.
Springfield, Ohio
Phone: FA 5-1541
(Contact manufacturer direct)

STEFFAN MFG. CORP.

1585 S. Lincoln Ave.
Salem, Ohio
Phone: ED 7-8961
Cal. 782, 1141, 1382—D. C. 32—
Ga. 16—Ill. 899—Ind. 29—La. 187
—Neb. 64—N. Y. 1415, 1529—Pa.
546, 1123—Tex. 512—W. Va. 41—
Wis. 277

STEIN & CO., INC., WM. P.

425 St. Paul St.
Rochester 5, N. Y.
Phone: BA 5-0060
(Contact manufacturer direct)

MANUFACTURERS

STEPTOOL CORP.

3613 E. Olympic Blvd.
Los Angeles 23, Calif.
Phone: AN 9-9409
Ariz. 38—Cal. 616, 730, 1476—
Colo. 142—Conn. 42—Ill. 96, 1177
—Ind. 184—Mass. 358—Mich. 862,
1222—Mo. 119—Neb. 37—N. Y.
47, 216, 1562—N. C. 30—Ohio 853,
1234—Okla. 108—Pa. 207, 496,
980—Wis. 323

STERLING ELECTRIC MOTORS, INC.

5401 Telegraph Rd.
Los Angeles 22, Calif.
Phone: RA 3-6211
Cal. 747, 1363—Colo. 186—Conn.
58—Fla. 281—Ga. 238—Ill. 704,
1006—Kan. 30—Ky. 122—Md. 134
—Mass. 158—Mich. 690—Minn.
242—Mo. 570—N. Y. 1071, 1364,
1610—N. C. 153—Ohio 400, 910,
1282, 1642, 1666—Ore. 181—Pa.
391, 711, 1089—Tenn. 203, 260—
Tex. 333, 733—Utah 95—Wash.
564—Wis. 388

STERLING FACTORY EQUIPMENT CO.

189 Charles St.
Providence, R. I.
Phone: GA 1-4406
(Contact manufacturer direct)

STERLING GRINDING WHEEL CO.

P. O. Box 801
Tiffin, Ohio
Phone: GI 7-9321
Ala. 1, 103, 196—Cal. 679, 1207,
1555—Conn. 4—D. C. 24—Fla. 278
—Ga. 87, 322, Ill. 58, 173, 368,
381, 390, 578, 584, 705, 811, 829,
878, 938, 1108, 1169—Ind. 19, 38,
91, 259, 443, 574—Iowa 12, 28, 146
—Ky. 47, 143—La. 26, 181—Mich.
662, 666, 691, 930, 1102, 1129, 1158,
1229, 1328, 1350—Minn. 221, 228,
337—Mo. 29, 94, 418, 487—Neb.
44—N. J. 69—N. M. 33—N. Y.
118, 355, 729, 786, 1377, 1454—
Ohio 105, 396, 495, 911, 1074, 1089,
1235, 1416, 1498, 1595, 1604, 1674
—Pa. 343, 345, 482, 712, 828—
Tenn. 55, 185—Tex. 141, 479, 531,
750, 873—W. Va. 12—Wis. 56, 415

STICHT CO., INC., HERMAN H.

27 Park Pl.
New York 7, N. Y.
Phone: RE 2-8163
Cal. 92, 1563—Ill. 530—Mass. 98—
Mich. 162—Mo. 463—Ohio 157,
755—Ore. 113—Pa. 654, 835—Tex.
518—Wis. 243

STILSON TOOLS, INC.

30233 Groesbeck Hwy.
Roseville, Mich.
Phone: FR 8-2010
(Contact manufacturer direct)

STOCKER & YALE, INC.

Green St.
Marblehead, Mass.
Phone: NE 1-0038
Cal. 1475, 1588—Ill. 47—Ind. 296
—Mass. 363, 364—Mich. 804—
Minn. 190—N. Y. 654, 1354—Ohio
1670—Pa. 468

STOKES CORP., F. J.

5500 Tabor Rd.
Philadelphia 20, Pa.
Cal. 1012—Conn. 347, 387—Ga.
215—Ill. 707—N. J. 591—N. Y.
1367—Ohio 913, 1285—Canada
409, 477

STOKVIS MULTITON

18 Secaloag Ave.
Port Washington, N. Y.
Phone: PO 7-3390
(Contact manufacturer direct)

STONE CO., THE HERMAN

1860 N. Gettysburg Ave.
Dayton 27, Ohio
Phone: CR 7-9367
Cal. 730, 1241—Fla. 384—Ga. 55—
Ill. 1046—Ind. 479—Mass. 540—
Mich. 356, 887—Minn. 198—Mo.
50—N. J. 547—N. Y. 1428—N. C.
19—Ohio 1306, 1591—Okla. 154—
Pa. 980—Tex. 456—Va. 36—Wash.
253—Wis. 220—Canada 431

STONE MACHINERY CO., INC.

31 Fayette St.
Manlius, N. Y.
Phone: OV 2-2411
Ala. 158, 196—Ariz. 178—Ark. 23
—Cal. 262, 1308—Colo. 63, 72—
Conn. 454, 463—D. C. 82—Fla.
174—Ga. 61, 188—Ill. 296, 862,
1093, 1157—Ind. 21, 245, 281—
Iowa 7—Kan. 123—Ky. 85—La.
32, 181, 217—Md. 27—Mass. 121—
Mich. 394—Minn. 327—Miss. 36—
Mo. 57, 95, 488—Neb. 50—N. M.
15—N. Y. 269, 655, 1192, 1539—
N. C. 89, 177—Ohio 136, 648, 679,
1055, 1396, 1421—Ore. 179—Pa.
707, 980—S. C. 17, 59—Tenn. 38—
Tex. 116, 216—Utah 48, 59, 104—
Vt. 39—Wash. 259, 347—Wis. 398
—Canada 15, 42, 434, 606

STORCH PRODUCTS CO., INC.

9232 Greenfield
Detroit 7, Mich.
Phone: BR 3-3840
(Contact manufacturer direct)

STRAND CO., EDWARD D.

Box 2024 Station A
Worcester 5, Mass.
Ill. 173, 975—Mass. 662, 670—N. J.
284—N. Y. 123, 860—Ohio 1155—
Pa. 1071—Canada 232

STRAND FLEXIBLE SHAFT, INC., N. A.

601 S. Washtenaw Ave.
Chicago 12, Ill.
Phone: KE 3-2432
Ala. 158—Cal. 757, 1013, 1298,
1308—D. C. 9—Fla. 68—Ga. 205—
Ind. 80, 280, 352, 553—Kan. 111—
Ky. 98—La. 181, 217—Md. 18, 50—
Mass. 171—Mich. 212, 958, 1103,
1139, 1156, 1224—Minn. 231, 300—
Mo. 95, 96, 366—N. J. 242, 325,
616—N. Y. 124, 153, 879, 1124,
1266—N. C. 170—Ohio 278, 287,
915, 1059, 1093, 1211, 1571—Okla.
24, 129—Ore. 100—Pa. 446, 609,
978, 1081, 1084, 1304—Tenn. 139—
Tex. 766—Wash. 137, 328—Wis.
429—Canada 434, 477, 606, 611

STROMBERG-CARLSON CO. Div. General Dynamics Corp.

1400 N. Goodman
Rochester, N. Y.
Phone: FI 2-8000
Cal. 1164—Colo. 63—Ind. 140
La. 100—Md. 27—Mo. 96—Neb.
37—N. Y. 141, 654, 1356—Ohio
856—Okla. 129—Pa. 680, 815—
Tex. 601—Wash. 218

STUART OIL CO., LTD., D. A.

2727 S. Troy St.
Chicago 23, Ill.
Phone: BI 7-7100
(See advertisement p. 486-487)
Ala. 158—Cal. 600, 1448—Colo.
217—Conn. 124, 207—Ga. 194—
Ind. 394—Kan. 18—Mich. 699—
Minn. 231—Mo. 444—N. J. 7—
N. Y. 1500—Ohio 367, 917, 1295
—Ore. 100—Pa. 717—Tex. 304—
Canada 264

STUDEBAKER HYDRAULIC PRODUCTS CO.

1733 N. 33rd Ave.
Melrose Park, Ill.
Phone: FI 4-0065
Conn. 111—Ind. 491—Mass. 418—

Mich. 785—Minn. 109—Mo. 398—
N. Y. 882, 1314—Ohio 720—Pa.
585, 1129—Canada 372

STUECK INC., W. WHITNEY

44 Boston Post Rd.
P. O. Box 355 TE
Old Saybrook, Conn.
Phone: EV 8-9309
Cal. 258, 262—Fla. 33, 351—Ill.
74—Mass. 245—Mich. 405—N. J.
360—N. Y. 655—Pa. 1282—
Canada 345, 365, 556, 615

STUPALOX DIV.

The Carborundum Co.
Hillview Ave.
Latrobe, Pa.
Phone: KE 7-3331
Cal. 668—Mich. 968, 1147

STURDIMENT TOOL CO.

3932 "F" Street
Detroit 16, Mich.
Phone: TA 6-5007
Cal. 340, 606—Ill. 706—Ind. 148—
Iowa 106—Kan. 83—Mich. 212,
1340, 1389—Minn. 94, 203—N. Y.
154—N. C. 135, 146—Ohio 487,
1084—Pa. 728, 1324—Tenn. 139—
Wis. 346

STURDY TOOL & GAGE CO.

14520 Schaefer Hwy.
Detroit 27, Mich.
Ariz. 128—Conn. 438—Ill. 910—
Mich. 84, 754—N. J. 175—N. C.
49—Ohio 1248—Pa. 114—Wis. 245

STURTEVANT CO., P.A.

Addison, Ill.
Phone: TE 4-2000
Cal. 467—Colo. 36—Conn. 478—
Fla. 299—Ill. 298, 715, 750—Ind.
408—Md. 101—Mich. 420—Mo.
128, 432—N. Y. 537, 1492—N. C.
247—Ohio 677—Okla. 15—Pa.
623—Canada 81, 370

SUN-LITE MFG. CO.

2555 Bellevue Ave.
Detroit 7, Mich.
Phone: WA 1-1166
Fla. 314—Ill. 429—Md. 159—Mass.
65—Mo. 206—Tex. 106

SUN OIL CO.

1608 Walnut St.
Philadelphia 3, Pa.
Phone: KI 6-1800
Conn. 59, 209—D. C. 83—Fla. 116,
380—Ga. 240—Ill. 709—Ind. 97,
395—Ky. 124—Me. 34—Md. 135—
Mass. 159, 320, 683—Mich. 701,
889, 1024, 1051, 1099, 1278—Minn.
21—Mo. 577—Neb. 67—N. H. 20—
N. J. 183, 414, 472, 525, 573—N. Y.
33, 68, 342, 607, 670, 1074, 1160,
1180, 1369, 1558—N. C. 184—Ohio
41, 406, 918, 1094, 1286, 1644, 1732
—Pa. 32, 83, 115, 217, 224, 270,
284, 327, 372, 718, 1092—R. I. 71—
Tex. 51, 335, 740—Va. 58, 125—
W. Va. 66, 88—Canada 197, 413,
471, 591

SUNBEAM EQUIPMENT CORP.

180 Mercer St.
Meadville, Pa.
Phone: 61-131
Ala. 29—Ga. 77—Ill. 64—Mass.
571—Mich. 403—Mo. 612—N. J.
583—N. Y. 1589—Ohio 705, 1200
—Pa. 328, 869—Tex. 327—Wash.
8

SUNDSTRAND-AMERICAN BROAD

Div. of Sundstrand Corp.
415 W. Huron St.
Ann Arbor, Mich.
Phone: NO 2-5621
Cal. 272—Colo. 89—Conn. 485—
Ill. 28, 189—Ind. 201, 396—Mich.

846—Minn. 243—Mo. 302—N. Y.
170, 862—N. C. 19—Ohio 1275,
1507, 1531—Okla. 96—Pa. 1083,
1195—Tenn. 52—Tex. 601, 695—
Utah 88—Wash. 259—Wis. 206—
Canada 460

SUNDSTRAND MACHINE TOOL Div. of Sundstrand Corp.

Newburg Rd.
Belvidere, Ill.
Phone: LI 4-3161
Cal. 272—Conn. 485—Ill. 28—Ind.
396—Mich. 702—N. J. 542—N. Y.
1559—N. C. 19—Ohio 387, 919—
Pa. 719, 1093—Tenn. 52—Tex. 601
—Wash. 259—Canada 583

SUNNEN PRODUCTS CO.

7910 Manchester Ave.
St. Louis 17, Mo.
Phone: ST 1-2100
(See advertisement p. 230)
Cal. 495, 1298, 1590—Colo. 291,
312—Ill. 361, 1013—Ind. 397—
Kan. 48—Mass. 537—Mich. 703—
Minn. 245—N. J. 288—N. Y. 862,
1075, 1188—N. C. 129—Ohio 1463,
1643—Pa. 378—Tex. 334—Wash.
164—Wis. 415

SUNNEN SERVICE CORP.

7900 Manchester Ave.
St. Louis 17, Mo.
Phone: ST 1-2100
Cal. 495, 1298, 1590—Conn. 291,
312—Ill. 361, 1013—Ind. 397—
Kan. 48—Mass. 537—Mich. 703—
Minn. 245—N. J. 288—N. M. 862,
1075, 1188—N. C. 129—Ohio 1463,
1643—Pa. 378—Tex. 334—Wash.
164—Wis. 415

SUNRAY CO.

Spartanburg, S. C.
Phone: 3-4618
Cal. 616—N. C. 176—S. C. 48

SUPER-CUT, INC.

Colconda Corp.
3418 N. Knox Ave.
Chicago 41, Ill.
Phone: AV 6-5000
Cal. 474, 1241—Ga. 274—Ill. 1100
Ind. 102, 279, 291—Mass. 634—
Mich. 1185, 1244, 1378—Minn. 124,
228—Mo. 211, 513—N. J. 539—
Ohio 1209—Pa. 108, 172—Tex. 144

SUPER TOOL CO.

Div. of Van Norman Industries
21650 Hoover Rd.
Detroit 13, Mich.
Phone: JE 6-9191
(See advertisement p. 225)
Cal. 240—Colo. 80—Conn. 62, 170,
177, 328—D. C. 24—Fla. 384—
Ga. 87—Ill. 710—Ind. 350—La.
151—Mass. 660—Mich. 704, 988,
979, 1089, 1129, 1324—Minn. 53,
267—Miss. 36—Mo. 226—N. J. 91
—N. M. 37—N. Y. 1076—Ohio
460, 1635—Pa. 188, 903—Tex. 11,
330, 559—Wis. 157

SUPERIOR ABRASIVE LABORATORIES, INC.

900 Nepperhan Ave.
Yonkers 3, N. Y.
Phone: YO 8-3433
(Contact manufacturer direct)

SUPERIOR FLUX & MFG. CO., THE

1536 St. Clair Ave.
Cleveland 14, Ohio
Phone: SU 1-9373
Cal. 230—Ill. 91

SUPERIOR INDICATOR CO.

P. O. Box 734
Rochester 3, N. Y.
Mich. 359—N. Y. 375, 1383—Ohio
1582—Wis. 448A

SUPERIOR PNEUMATIC & MFG.

13800 Enterprise Ave.
Cleveland 35, Ohio
Phone: CL 2-2533
Cal. 922, 1020—Fla. 244—Ill. 153
—Mass. 483—Mich. 178, 499—
N. Y. 1667—N. D. 9—Ohio 117,
1351—Pa. 68, 441, 984—Wis. 273

SUPERIOR STEEL PRODUCTS CORP.

2754 S. 19th. St.
Milwaukee 11, Wisconsin
Phone: MI 5-6027
(Contact manufacturer direct)
(See advertisement p. 26)

SUPERIOR TUBE CO.

Box 191
Norristown, Pa.
Phone: BR 5-2070
(Contact manufacturer direct)

SUPRECISSION PRODUCTS

2717 E. Franklin Ave.
Minneapolis 6, Minn.
Phone: FE 6-1604
Ariz. 7—Cal. 730, 872—Conn. 505
—Ill. 621—Mich. 705—Minn. 176
—N. C. 145—Wash. 47

SUPREME PRODUCTS CORP.

2222 S. Calumet Ave.
Chicago 16, Ill.
Phone: DA 6-2000
Cal. 592, 1585—Colo. 93—Ill. 667
—Ind. 523—Mass. 381, 567—
Mich. 1142—Minn. 191—Mo. 233
—N. J. 309—N. Y. 820, 951—Ohio
1077—Pa. 976—Tenn. 145—Wash.
106

SURFACE COMBUSTION

Div. of Midland-Ross Corp.
2375 Dorr St.
Toledo 1, Ohio
Phone: JE 6-4611
Ala. 43—Cal. 1006—Conn. 431—
Fla. 262—Ill. 1080—Ind. 398—
Mass. 453, 597—Mich. 707—N. J.
227—N. Y. 1560—Ohio 922—Pa.
721, 1095—Canada 414

SUTTON ENGINEERING CO.

1306 First National Bank Bldg.
Pittsburgh 22, Pa.
Phone: GR 1-8077
Pa. 87

SUTTON TOOL CO.

306 Magnolia St.
Sturgis, Mich.
Phone: OL 1-5448
Cal. 1075—Conn. 401—Ill. 271—
Ind. 195—Mass. 620—Mich. 214—
Mo. 372—N. Y. 573, 1251, 1645—
Ohio 977, 1242, 1585—Pa. 851,
1106—Utah 104—Wis. 423—
Canada 169

SWANSON-ERIE CORP.

814 E. 8th St.
Erie, Pa.
Phone: GL 2-6763
Mich. 734

SWARTZ TOOL PRODUCTS

Div. of Jefferson Corp.
13330 Foley Ave.
Detroit 27, Mich.
Phone: WE 3-1522
(Contact manufacturer direct)

SWEDISH GAGE CO. OF AMERICA

10641 Haggerty Ave.
Dearborn 1, Mich.
Phone: TI 6-7280
Cal. 1399, 1475—Colo. 3, 100—
Fla. 384—Ill. 47—Ind. 503—Md.
25—Mass. 236—Mich. 132, 171—
Minn. 293—Mo. 312—N. Y. 678—
Ohio 433, 454, 1531—Pa. 561, 934
—Tenn. 58—Tex. 329—Utah 26—
Wash. 164—Wis. 408

SWIFT OHIO CORP.

890 S. Leighton St.
Kenton, Ohio
Phone: 2-1281
Ind. 235—Mass. 595—Mich. 714,
1028—Minn. 243—N. J. 547—
N. Y. 155, 1615—Ohio 621, 1457,
1647—Tenn. 56, 213—Wis. 218

SWISS PRECISION TOOL CO.

851 E. 8 Mile Rd.
Ferndale, Mich.
Phone: LI 5-9026
Ariz. 54—Cal. 49, 76, 99, 728—
Conn. 473—Minn. 207

SWIVELIER CO., INC.

30 Irving Pl.
New York 3, N. Y.
Phone: OR 7-5300
(Contact manufacturer direct)

SYKES MACHINE & GEAR CORP.

744 Broad St.
Newark 2, N. J.
Phone: MA 3-3290
(See advertisement p. 54)
Ill. 440—Mich. 1049—N. J. 415—
N. Y. 518—Pa. 14—R. I. 69—
Canada 173

SYLVANIA LIGHTING PRODUCTS

Equipment Development Plant
121 Loring Ave.
Salem, Mass.
Phone: PI 4-5800
(Contact manufacturer direct)

SYNTRON CO.

340 Lexington Ave.
Homer City, Pa.
Phone: GR 9-8011
Ala. 141—Ariz. 119—Cal. 1367,
1507—Colo. 112—Conn. 487—Del.
16—Fla. 381—Ga. 241—Ill. 18,
717—Ind. 400—Iowa 138—Ky.
125—La. 174—Md. 136—Mass. 160,
300—Mich. 709, 1395—Minn. 248
—Mo. 232, 578—N. J. 206—N. Y.
344, 519, 574, 1077, 1416—N. C.
130—Ohio 408, 923, 1095, 1287,
1645—Okla. 169—Ore. 184—Pa.
245, 306, 723, 1097, 1163—Tenn.
261—Tex. 339, 741—Utah 101—
Va. 127—Wash. 270—W. Va. 75—
Wis. 407—Canada 272, 415, 592

T

T. & H. MFG. CO.

811 E. 31st
Kansas City 9, Mo.
Phone: LO 1-3248
Ariz. 131

TAFT-PEIRCE MFG. CO.

32 Mechanic Ave.
Woonsocket, R. I.
Phone: PO 2-1000
Ala. 158—Ariz. 178—Cal. 606, 615,
1075, 1080, 1517—Colo. 80—Conn.
153—Fla. 186, 272—Ga. 233—Ill.
261, 541, 1226—Ind. 184, 326—
Kan. 90—La. 32, 181, 217—Mass.
195—Mich. 347, 382, 710, 988,
1060, 1120, 1313—Minn. 195, 254—
Miss. 36—Mo. 148, 568—N. J. 71
—N. Y. 170, 364, 626, 660, 1078,
1182, 1554—N. C. 6, 132, 185—
Ohio 415, 772, 995, 1291, 1329,
1622—Okla. 136—Ore. 91—Pa.
752, 992, 1135—R. I. 81—S. C. 26,
63—Tenn. 104—Tex. 250, 353, 700
—Utah 79—Va. 7, 62, 130, 155—
Wash. 87—Wis. 250—Can. 357, 529

TAPER MICROMETER CORP.

100 Grove St.
Worcester, Mass.
Phone: PL 6-6950
Cal. 616, 668, 730, 894—Colo. 195
—Conn. 47, 127, 238—D. C. 2, 96
—Fla. 218, 252—Ill. 402—Ky.
130—Mass. 519, 672—Mich. 600,
620, 838, 1176, 1222, 1342—Minn.
198—Mo. 86, 329, 549—Neb. 37—
N. J. 219, 534—N. M. 2—N. Y.
240, 454, 791, 825, 1236, 1237,
1439—Ohio 545, 578, 1320—Pa.
468, 505, 630, 790—R. I. 42—Tenn.
101, 105—Tex. 329, 614, 763—
Wash. 44—W. Va. 18—Wis. 199—
Canada 437

TAPMATIC CORP.

845 W. 16th St.
Costa Mesa, Calif.
Phone: LI 8-3404
Ariz. 30, 122—Ark. 23—Cal. 116,
133, 340, 616, 711, 716, 816, 1080,
1194, 1407, 1589—Conn. 97, 220—
D. C. 24, 82—Ill. 74, 206, 585, 1115
—Ind. 254, 544—Md. 32, 90—
Mass. 133, 196—Mich. 459, 461,
862, 979—Minn. 124, 254—Mo.
174, 302—N. J. 42, 217, 416, 610—
N. Y. 272, 501, 657, 1465, 1609—
Ohio 13, 100, 314, 750, 790, 1116,
1157, 1716—Pa. 46, 242, 1131, 1313
—Tex. 175—Va. 73—Wis. 353

TAYLOR DESIGNS, INC.

188 Main St.
North Tonawanda, N. Y.
Phone: JA-3603 JA-8373
Mich. 1281—N. Y. 1079

TAYLOR DYNAMOMETER & MACHINE CO.

6411 River Parkway.
Milwaukee 13, Wis.
Phone: HL 8-9015
Cal. 1191—Conn. 204—Ill. 1081—
Mass. 84—Mich. 394—Minn. 168
—N. J. 104—N. Y. 339—Ohio 621
—Pa. 752

TAYLOR-WINFIELD CORP., THE

1052 Mahoning Ave., NW.
Warren, Ohio
Phone: EX 2-2521
Cal. 1548—Colo. 106—Conn. 380—
Ill. 247—Mich. 295—Mo. 376—
N. Y. 707, 967, 1261—N. C. 60—
Ohio 576, 1163—Ore. 109—Pa. 304
—Tenn. 32—Tex. 276—Canada
233, 438

TECHNO-PRODUCTS CORP.

405-11 Bally Rd.
Yeadon, Pa.
Phone: CL 9-7300
Ariz. 103—Cal. 199, 812, 1064,
1396—Colo. 103—Conn. 3—D. C.
82—Fla. 65, 384—Ill. 511—Kan.
106—Md. 93—Mich. 705—Minn.
342—Mo. 495—N. H. 32—N. Y.
355, 1017—Ohio 901, 1085, 1272,
1373—Okla. 120—Ore. 205—Pa.
1264—Tex. 353—Va. 39—Wash.
364, 350—Wis. 488

TEMPIL CORP.

132 W. 22nd St.
New York 11, N. Y.
Phone: OR 5-6610
(Contact manufacturer direct)

TENNEY ENGINEERING, INC.

1090 Springfield Rd.
Union, N. J.
Phone: MU 6-7870
Ala. 137—Cal. 760, 980, 1140—
Colo. 213—Fla. 279—Ill. 625—
Ind. 361—Mass. 545, 730—Mo. 153,
465—Ohio 713, 1011, 1293—Tex.
368—Utah 11—Wash. 276

TESTING MACHINES, INC.

72 Jericho Turnpike
Mineola, N. Y.
Phone: PI 7-7466
(Contact manufacturer direct)

TEXACO, INC.

135 E. 42nd St.
New York 17, N. Y.
Phone: OX 7-8000
Cal. 756—Colo. 190—Ga. 243—
Ill. 720—Ind. 405—La. 175—Mass.
248—Minn. 250—Mont. 26—N. Y.
350, 1083—Tex. 344, 742—Va. 60—
Wash. 274

THERMO ELECTRIC MFG. CO.

5061 Huff St.
Dubuque, Iowa
Phone: 3-3501
Ariz. 58—Cal. 220, 489, 616, 1298
—Conn. 25, 146—Fla. 171—Ga. 82
—Ill. 114, 122, 445, 1157—Ind. 259
—Iowa 55, 110—Mass. 187—Minn.

231, 330—Mo. 97—Neb. 37—N. J.
425—N. Y. 605, 682—Ohio 545,
1550, 1606—Okla. 24—Ore. 157—
Pa. 262, 504—R. I. 69—Tenn.
104, 225—Tex. 472—Va. 39—
Wash. 87, 259

THERMOID DIV.

200 Whitehead Rd.
Trenton 6, N. J.
Phone: JU 7-3000
(Contact manufacturer direct)

THOMAS FLEXIBLE COUPLING CO.

Main Ave. & Biddle St.
Warren, Pa.
Phone: RA 3-6600
(Contact manufacturer direct)

THOMAS MACHINE MFG. CO.

P. O. Box 9506
Pittsburgh 23, Pa.
Phone: ST 1-5800
(Contact manufacturer direct)

THOMPSON GRINDER CO., THE

1534 Main St.
Springfield, Ohio
Phone: FA 3-3723
Ala. 85—Cal. 545, 1191—Colo. 4—
Conn. 454—Fla. 43—Ga. 61—
Hawaii 14—Ill. 314—Ind. 295—
La. 158, 210—Mass. 262—Mich.
714, 1028—Minn. 94—Mo. 119,
569—Neb. 37—N. Y. 170, 655,
1311, 1554—N. C. 87—Ohio 287,
942, 1184, 1647—Ore. 44—Pa. 702,
1083—Tenn. 38, 157—Tex. 249,
711—Utah 46—Va. 105—Wash. 92
—Wis. 207

THOMPSON MFG. CO., EARL A.

1300 Hilton Rd.
Ferndale, Mich.
Phone: JO 4-6610
(Contact manufacturer direct)

THOMPSON RAMO WOOLDRIDGE DAGE DIV.

W. 10th St.
Michigan City, Ind.
Phone: TR 4-3251
(Contact manufacturer direct)

THOMPSON & SON CO., THE HENRY G.

277 Chapel St.
New Haven 5, Conn.
Phone: UN 5-0881
(See advertisement p. 517)
Ala. 88—Ariz. 81—Cal. 260, 406,
531, 544, 679, 711, 904, 1062, 1144,
1199, 1407—Conn. 37, 143, 212,
240, 281, 299, 307, 335, 427, 428—
Del. 6—D. C. 70—Fla. 84, 206,
272, 335, 350—Ga. 205, 248, 294,
340, 358, 366—Ill. 15, 184, 350,
361, 445, 578, 706, 1017, 1093, 1157
—Ind. 19, 43, 67, 259, 425—Iowa
22, 27, 56, 96, 166—Kan. 7, 81,
84, 105—Ky. 67—La. 1, 43, 58, 110,
164—Me. 8—Md. 12—Mass. 11,
61, 279, 319, 660, 676—Mich. 1,
390, 668, 959, 1098, 1106, 1328,
1350—Minn. 231, 298—Miss. 41,
43—Mo. 29, 144, 239, 418, 453, 620
—Mont. 24—N. J. 413, 576—N. Y.
66, 240, 279, 447, 946, 1349, 1417,
1562, 1670—N. C. 9, 73, 89, 146,
209, 232—Ohio 108, 439, 757, 1034,
1168, 1398, 1429, 1444, 1641, 1729—
Okla. 3, 29, 100, 129—Pa. 33, 204,
260, 282, 346, 525, 532, 839, 1165,
1167, 1324—R. I. 20A, 44, 64—
S. C. 2, 84—S. D. 9—Tenn. 36,
102, 105, 184, 249—Tex. 11, 308,
415, 700, 762, 774, 787, 846, 882,
904—Utah 62—Wash. 69, 328—
Wis. 56, 89, 415, 442

Milband Machine Tool Div.

Ariz. 81—Cal. 545—Colo. 131—
D. C. 24—Fla. 272—Ga. 205—Ill.
483, 1007—Ind. 404—La. 100—
Mass. 176—Mich. 143, 668—Minn.
231—Mo. 119—N. Y. 1106, 1562—
Ohio 410, 453, 757—Okla. 129—
Ore. 100—Pa. 702, 1083—Tex. 216,
415, 762, 846—Utah 62—Wash. 132

MANUFACTURERS

THOMSON INDUSTRIES, INC.

1029 Plandome Rd.
Manhasset, N. Y.
Phone: MA 7-1800

Ala. 93, 184—Ariz. 135—Ark. 14,
26—Cal. 669, 886, 1174—Colo. 12,
220—Conn. 61, 210, 313, 426—Del.
5—Fla. 81, 98, 192, 196—Ga. 95,
181, 347—Idaho 15—Ill. 4, 132,
143, 819, 845, 958, 1032, 1086, 1102,
1140, 1143, 1248, 1282, 1298—Ind.
13, 25, 54, 108, 121, 148, 472, 507,
561—Iowa 23, 62, 109—Ky. 53,
135, 147—La. 12, 99—Me. 3, 12
—Md. 16, 75, 105, 161, 168—Mass.
161, 624, 684—Mich. 21, 41, 298,
852, 939, 1085, 1112, 1149, 1195,
1213, 1262, 1271, 1315, 1382—
Minn. 14, 27, 182, 311—Miss. 22—
Mo. 47, 333, 503, 519—Neb. 61—
N. J. 40, 274, 417, 433, 569—N. M.
31—N. Y. 34, 69, 152, 345, 448,
548, 1081, 1137, 1143, 1205, 1370,
1561, 1611, 1662—N. C. 46, 95, 162,
173—N. D. 11—Ohio 6, 85, 156,
487, 488, 1022, 1126, 1317, 1354,
1386, 1400, 1413, 1533, 1561, 1699,
1737—Okla. 51—Ore. 12, 54, 207
—Pa. 179, 321, 471, 634, 792, 1295
—R. I. 72—S. C. 13, 41—S. D. 13
—Tenn. 15, 63, 77, 198, 211, 229—
Tex. 40, 71, 143, 414, 435,
509, 782, 804, 864, 885—Utah 15—
Va. 5, 42, 87, 106—Wash. 1, 15,
22, 26, 28, 50, 313, 319, 355—
W. Va. 16, 54, 73, 79—Wis. 15,
84, 433, 462—Canada 76, 156

THOMSON MFG. CO.,

JUDSON L.

1 Sawyer Rd.
Waltham 54, Mass.
Phone: TW 3-0857
Cal. 470, 1229—Fla. 24—Ill. 723—
Ind. 410—Mass. 559—Mich. 718—
Mo. 556—N. Y. 46, 609—Ohio
1447—Pa. 298—S. C. 77—Tex. 32
—Canada 172

THOR POWER TOOL CO.

175 N. State St.
Aurora, Ill.
Phone: TW 2-7601
Ala. 143, 158, 195—Ark. 21—Cal.
759, 1080, 1373—Colo. 90, 192—
Fla. 175—Ga. 244, 352—Ill. 15,
345, 724, 1259—Ind. 89, 411—Iowa
103—Ky. 67—La. 151—Md. 27—
Mass. 59, 162—Mich. 719, 1011,
1224—Minn. 19—Mo. 237, 584—
N. J. 409, 418, 602—N. Y. 351,
543, 602, 1266, 1663—Ohio 22, 278,
413, 757, 931, 1729—Ore. 100—Pa.
726, 1099—Tex. 116, 403, 747, 766
—Utah 42—Va. 62, 129—Wash.
259, 275—Wis. 267, 410—Canada
418, 510

THREADWELL TAP & DIE CO.

16 Arch St.
Greenfield, Mass.
Phone: PR 4-4336
Cal. 726—Colo. 128—Ga. 203—Ill.
887, 978—Ind. 578—La. 117—
Mich. 720—Mo. 208—N. Y. 719,
1376—Ohio 932, 1316—Pa. 727

THRIFTMASTER PRODUCTS CORP.

1004-C N. Plum St.
Lancaster, Pa.
Phone: EX 2-2101
Cal. 669, 1517—Ill. 295, 511, 994
—Ind. 130—Mich. 425, 936—N. J.
131—N. Y. 428, 1311, 1577—Ohio
249, 616, 810, 1184, 1622—Pa. 123,
752—R. I. 81

THUNDER BAY MFG. CORP.

10th & McKinley Sts. - P. O.
Box 366
Alpena, Mich.
Phone: EL 4-3181
Mich. 12, 721

THURSTON MFG. CO.

45 Borden St. - P. O. Box 1154
Providence 1, R. I.
Phone: DE 1-0243

Cal. 674—N. J. 313—N. Y. 184—
R. I. 73

TIETZMANN TOOL CORP.

315-317 N. Main St.
Englewood, Ohio
Phone: TE 6-5141
(See advertisement p. 32)
Ariz. 58—Cal. 51, 82, 133, 220,
279, 319, 616, 730, 1071, 1105,
1241, 1298, 1407, 1517, 1518—
Conn. 400—Fla. 184—Ill. 206,
495, 554, 575, 858, 1033, 1157—
Ind. 1, 61, 299, 425, 519—Md. 18
—Mass. 59, 273, 462, 660—Mich.
653, 1119, 1167, 1232, 1289, 1350,
1388—Minn. 231, 284—Mo. 97,
455—Neb. 37—N. J. 219, 225,
330, 408, 534—N. Y. 458, 769,
1052, 1063, 1115, 1646—N. C. 113
—Ohio 621, 739, 1235, 1373, 1502
—Ore. 131—Pa. 468, 728, 842,
1071, 1304—Tex. 485—Wis. 47,
128, 415

TIME SAVER TOOLS, INC.

27 E. Park Ave.
Mundelein, Ill.
Phone: MU 6-7632
Ill. 228, 952, 1104—Iowa 154—
Minn. 340—Mo. 140, 277—Wis.
228

TIMESAVER PRODUCTS CO.

629 W. Washington Blvd.
Chicago 6, Ill.
Phone: AN 3-4929
(Contact manufacturer direct)

TIMKEN ROLLER BEARING CO., THE

1835 Dueber Ave.
Canton 6, Ohio
Phone: GL 3-4511
Ala. 144—Cal. 761—D. C. 88—
Ill. 725—Mass. 164—Mich. 724—
Mo. 585—N. Y. 353, 1084—Ohio
414, 933—Pa. 1100—Tex. 748—
Wash. 278—W. Va. 68—Wis. 412

TINIUS OLSEN TESTING MACHINE CO.

Easton Rd.
Willow Grove, Pa.
Phone: OS 5-7100
Cal. 45, 1125, 1321—Colo. 131—
D. C. 46—Ga. 107—Ill. 436—
Mass. 87—Mich. 1181—N. J. 209
—N. M. 29—Ohio 815—Ore. 153
—Pa. 808—Tex. 234, 415—Utah
62—Wash. 214—Canada 26, 83,
121, 202, 241, 422, 472, 597

TINNERMAN CORP., THE

GEORGE A.
19930 Ingersoll Dr.
Cleveland 16, Ohio
Phone: ED 1-3341
Ohio 599

TISHKEN PRODUCTS CO.

13000 W. 8 Mile Rd. - P. O. Box
3798 Oak Park Station
Detroit 37, Mich.
Phone: JO 4-6661
Cal. 723, 1251, 1255, 1308—
Conn. 374—Ill. 573—Ind. 178, 326
—Mich. 204, 631, 726, 988, 1034
—Mo. 488, 537—N. Y. 200, 301,
1536—N. C. 6—Ohio 772—Pa.
655, 973, 980—S. C. 63—Tex. 372
—Wash. 259—Wis. 317, 337, Can-
ada 91, 153, 176, 433, 510, 584

TITAN TOOL CO.

52 E. Main St.
Fairview, Pa.
Phone: 2261
Cal. 730, 1421—Ill. 1046—Mass.
483—Mich. 420—N. Y. 1015—
Ohio 43—Pa. 658—Canada 417

TOCCO DIV.

The Ohio Crankshaft Co.
3800 Harvard Ave.
Cleveland 5, Ohio
Phone: DI 1-2300

Ala. 100—Cal. 662, 1317—Conn.
470—Ill. 727—Mich. 1190—N. Y.
416—Ohio 340—Pa. 112, 1102—
Tex. 463—Canada, 200

TOLEDO PIPE THREADING MACHINE CO.

1445 Summit St. - P. O. Box
1678
Toledo 3, Ohio
Phone: CH 1-5175
(Contact manufacturer direct)

TOLEDO SCALE COMPANY

Div. of Toledo Scale Corp.
5225 Telegraph Rd.
Toledo 12, Ohio
Phone: GR 4-5441
(Contact manufacturer direct)

TOMCO, INC.

P. O. Box 170
Racine, Wis.
Phone: ME 2-6991
Ala. 212—Ark. 24—Cal. 792—
Conn. 277—Ill. 122, 345, 495, 511,
578, 584, 604, 1093, 1117—Md. 27
—Mass. 253—Mich. 653—Minn.
116, 243, 300—N. J. 135, 460, 616
—N. Y. 127, 319, 328, 785, 1086
—Ohio 17—Pa. 289, 678—S. C.
66—Utah 42—W. Va. 15—Wis.
113, 414, 455—Canada 388

TOMKINS-JOHNSON CO., THE

2425 W. Michigan
Jackson, Mich.
Phone: ST 2-0461
(See advertisement p. 51-52)
Ala. 8—Cal. 349, 1163—Conn. 16,
397—Fla. 31—Ill. 789, 1164—Ind.
432—Iowa 69, 127—Ky. 132—
Md. 212—Mass. 398—Mich. 393,
916—Minn. 121—Mo. 179, 494—
N. J. 397—N. Y. 356, 419, 1565—
N. C. 179—Ohio 84, 112, 440,
784, 1610, 1694, 1718—Ore. 107—
Pa. 162, 989—R. I. 62—Tex. 765
—Va. 118—Wash. 144—Wis. 217
—Canada 438

TOMKINS-JOHNSON CO., THE

(End Mills)
Phone: ST 2-0461
Cal. 349—Conn. 222—Ill. 676—
Mich. 249—Ohio 1346—Pa. 863
—Canada 438

TOOL SUPPLY CO.

40 Custer
Detroit 2, Mich.
(Contact manufacturer direct)

TOOLSET, INC.

1411 Military Rd.
Buffalo 17, N. Y.
Phone: DE 6921
Cal. 467—Conn. 376—Ga. 221—
Ill. 412—Ky. 60—Mass. 400—
Mich. 183—Mo. 235—N. Y. 94—
Ohio 772—Pa. 163, 233, 1083—
Canada 355, 576

TOPLIGHT CORP.

Topflight Tool Co. Div.
160 E. 9th Ave.
York, Pa.
Phone: 8-1541
Ill. 731—N. Y. 1085

TORIT MFG. CO.

1133 Rankin St.
St. Paul 16, Minn.
Phone: MI 8-0391
Ariz. 99—Cal. 24, 128—Colo. 89
—Fla. 273—Ill. 956, 1026, 1270—
Ind. 189—Ky. 46—Md. 138—Mass.
242—Mich. 323—Minn. 237—Mo.
431—N. Y. 930, 1332—Ohio 621,
1214—Pa. 593, 1115—Tex. 262—
Utah 81—Va. 25—Wash. 102—
Wis. 381—Canada 57, 462

TORRINGTON CO., THE

59 Field St.
Torrington, Conn.
Phone: HU 2-4441
(Contact manufacturer direct)

TORRINGTON CO., THE

(Swaging Machines only)
Ariz. 93—Cal. 723, 1255—Fla. 43
—Ill. 483—Ind. 298—N. J. 205—
N. C. 169—Pa. 702—Tenn. 104—
Tex. 732—Canada 583

Machine Div.

Torrington, Conn.
Phone: HU 2-4422
Cal. 1569—Conn. 410—Fla. 311
—Ill. 732—Mich. 778—N. J. 593—
N. Y. 844—N. C. 169—Ohio 549
—Canada 234

TORSION BALANCE CO., THE

35 Monhegan St.
Clifton, N. J.
Phone: GR 3-6900
Ariz. 26—Cal. 278, 293, 387, 533,
1185, 1374, 1523—Colo. 32—Conn.
296—D. C. 91—Fla. 174—Ill. 74,
339, 733, 892—Ind. 233—Mass.
224, 616—Mich. 404, 833—Minn.
256—N. M. 11—N. C. 19—Ohio
327, 653, 786, 1234—Pa. 992—
Tenn. 38—Tex. 329, 547—Utah
21, 26—Wash. 243—Wis. 215—
Canada 416

TOWMOTOR-GERLINGER

1226 E. 152nd St.
Cleveland 10, Ohio
Phone: GL 1-0900
Ala. 108—Ariz. 75—Ark. 34—
Cal. 168, 195, 582, 949, 1061, 1112
—Colo. 139—Conn. 32—Fla. 75,
371—Ga. 30—Ill. 736, 1211, 1227—
Ind. 278—Iowa 125, 164—Ky. 82
—La. 89—Me. 36—Md. 55—Mass.
209—Mich. 541, 904—Minn. 56—
Miss. 12—Mo. 243, 605—N. J. 56,
387—N. Y. 30, 255, 675, 971, 1374,
1563—N. C. 58, 219—Ohio 15,
212, 600, 1028, 1138, 1361, 1637—
Okla. 24, 99—Ore. 41—Pa. 199,
1018—R. I. 15—S. C. 55, 85—S. D.
11—Tenn. 9, 59, 89, 167, 220—Tex.
177, 396, 538, 791—Utah 5—Va.
56, 113, 154—Wash. 32, 308, 351,
376—W. Va. 59—Wis. 401—Can-
ada 48, 308, 511

TOWNSEND CO.

Engineered Fasteners Div.
P. O. Box 71
Ellwood City, Pa.
Phone: PL 8-7504
Ga. 152—Ill. 946—Mass. 94—Mich.
731—Mo. 251, 515—Ohio 939—
Pa. 174, 730—Tex. 469

TRABON ENGINEERING CORP.

28815 Aurora Rd.
Solon, Ohio
(Contact manufacturer direct)

TRACER CONTROL CO.

595 E. 10 Mile Rd. - P. O. Box 6
Hazel Park, Mich.
Phone: VO 4-6525
(See advertisement p. 218)
(Contact manufacturer direct)

TRACERLAB, INC.

1601 Trapelo Rd.
Waltham 54, Mass.
Phone: TW 4-6600
Cal. 1038, 1570—Ga. 246—Ill. 38,
740—Mich. 839—Mo. 588—N. J.
16, 545—Ohio 1096—Pa. 427—
Tex. 751—Wash. 279—Canada
223

TRANSMARES CORP.

15 William St.
New York, N. Y.
Phone: HA 2-6159
(See advertisement p. 508)
Ala. 17—Cal. 171, 687, 1456—
Fla. 117—Ill. 1107—Ky. 83—La.
181—Md. 38—Mass. 644—Mich.
738—Minn. 203—N. J. 104—N. Y.
939, 1578—Ohio 59, 98, 648—Ore.
157—Pa. 173, 469, 722, 960, 1087
—S. C. 85—Tex. 700—Wash.
259—W. Va. 65

TREE TOOL & DIE WORKS

1600 Junction Ave.
Racine, Wis.
Phone: ME 4-1881

Ala. 94—Ariz. 115—Cal. 93, 764—
Colo. 70—Conn. 178—Idaho 11—
Ill. 1002, 1030—Ind. 140—Mich.
323—Minn. 176—Mo. 96—N. J.
386—N. Y. 257, 1070, 1554—Ohio
63, 1194—Okla. 96—Pa. 722, 1106
—Tex. 208, 601—Va. 21—Wis.
422—Canada 189

**TRESSLER ENGINEERING
PRODUCTS DIV.**

17 Battery Pl.
New York 4, N. Y.
Phone: BO 9-2666
Mass. 345

TRICO FUSE MFG. CO.

2948 N. 5th St.
Milwaukee 12, Wis.
Phone: CO 4-3410
Ariz. 67—Cal. 607, 1263—Ga. 271
—Ill. 624—Ind. 193, 262—Ky. 133
—Md. 70—Mass. 575—Mich. 266,
310—Minn. 222, 285, 333—Mo.
313, 608—N. Y. 25, 507, 724, 814,
1033—N. C. 90—Ohio 27, 1481—
Ore. 148—Pa. 851, 1169—Tex.
219, 518—Wash. 96—W. Va. 70—
Wis. 43, 311—Canada 588

TRINDL PRODUCTS, LTD.

1807-11 S. Clark St.
Chicago 16, Ill.
Phone: VI 2-7716
(Contact manufacturer direct)

TRINITY TOOL CO.

17184 E. Warren Rd.
Detroit 24, Mich.
Phone: TU 4-2800
(Contact manufacturer direct)

TROYKE MFG. CO.

11294 Orchard St.
Cincinnati 41, Ohio
Phone: PR 1-9323
(Contact manufacturer direct)

TRU-CENTER PRODUCTS CO.

P. O. Box 731
Decatur, Ill.
Phone: 9-1930
Ill. 31, 852

TRUE-TRACE CORP.

9624-39 Rush St.
El Monte, Calif.
Phone: CU 3-4761
Ariz. 38—Colo. 100—Conn. 145
—Ind. 245—Kan. 84—Mass. 262
—Mich. 561—Minn. 231—N. M.
15—N. Y. 654, 1213, 1639—N. C.
189—Ohio 621—Okla. 132—Ore.
179—Pa. 598, 973—Tenn. 75—
Tex. 495—Wash. 259, 347—Wis.
323, 460—Canada 288

TRYCO PRODUCTS, INC.

Railroad Ave. - PP Station Box
72
Westfield, Mass.
Phone: LO 2-2971
Ill. 463—Mich. 507—Ohio 518—
Pa. 351—Tenn. 100—Tex. 111—
Wis. 411

TUBULAR RIVET & STUD CO.

Weston Ave.
Quincy 70, Mass.
Phone: PR 3-1776
Cal. 964—Conn. 351—Ga. 217—
Ill. 744—Ind. 414—Mass. 451, 454
—Mich. 733—Mo. 589—N. Y. 411,
1090—N. C. 116—Ohio 944—Tex.
125—Wash. 209

TUMB-L-MATIC, INC.

St. Marys St.
Stamford, Conn.
Phone: DA 5-2227

Cal. 479, 1010A—Colo. 131—Ind.
369—Mass. 250—N. J. 398, 505—
N. Y. 110—N. C. 145—Ohio 313,
906—Pa. 292—Wis. 92

**TUNGSTEN ALLOY MFG. CO.,
INC.**

65-67 Colden St.
Newark 1, N. J.
Phone: MA 3-3959
Ill. 558—Mass. 362—Mich. 210—
Pa. 288

**TURCHAN FOLLOWER
MACHINE CO.**

26950 Van Born Rd.
Dearborn, Mich.
Phone: CR 8-1180
Ala. 87—Cal. 846—Fla. 344—Ga.
188—Ind. 178—Mo. 191, 508—
N. Y. 346, 1371, 1417, 1562—Okla.
142—Pa. 617, 1049—Tenn. 38, 250
—Tex. 249, 524—Va. 120

TURNER BROS., INC.

2625 Hilton Rd.
Ferndale 20, Mich.
Phone: JO 4-6822
(Contact manufacturer direct)

TURNER UNI-DRIVE CO.

3416 Terrace
Kansas City 11, Mo.
Phone: LO 1-6800
(Contact manufacturer direct)

TUTHILL PUMP CO.

939 E. 95th St.
Chicago 19, Ill.
Phone: RE 4-7420
Ala. 152—Cal. 784—Conn. 455—
Ky. 90—La. 165—Me. 23—Mich.
436, 962—Minn. 217—Mo. 103,
387—N. J. 180—Ohio 216, 819—
Okla. 155—Pa. 397, 906—Tex. 617
—Wash. 45—Wis. 115—Canada 58

TWECO PRODUCTS, INC.

1450 S. Mosley - P. O. Box 666
Wichita 1, Kan.
Phone: AM 5-1684
(Contact manufacturer direct)

**TWENTIETH CENTURY MFG.
CO.**

Rt. 176 & Bradley Rd.
Libertyville, Ill.
Phone: LI 2-4200
Ala. 3—Ark. 29—Cal. 293, 1079—
Colo. 48—Conn. 220—Fla. 135—
Ill. 55, 127, 184, 188, 200, 206, 211,
230, 308, 330, 434, 439, 606, 718,
719, 721, 751, 767, 795, 855, 863,
1255—Ind. 100, 409—Iowa 5, 25,
27—Kan. 98—Mich. 247, 508, 835,
936, 1102, 1167—Minn. 214—Mo.
84, 425, 453, 549—N. Y. 74, 824—
N. C. 19, 113, 177, 233—Ohio 79,
1290, 1591—Pa. 348, 496, 561, 568,
871, 943, 1266—R. I. 14—S. C.
72—Tenn. 105—Tex. 352, 353—
Va. 15—Wash. 69—Wis. 408

TWIN DISC CLUTCH CO.

1328 Racine St.
Racine, Wis.
Phone: ME 4-1981
Cal. 768—Ill. 1208—La. 178—N. J.
420—Ohio 946—Tex. 359

**TY-SA-MAN MACHINE CO.,
INC.**

1000 White Ave.
Knoxville 1, Tenn.
Phone: 4-5471
Ala. 94—Ariz. 52—Cal. 532, 943,
1106—Conn. 108—Fla. 344—Ill.
295—La. 125—Mich. 143—N. J.
386—Ohio 1275, 1325—Pa. 963—
Tex. 766—Canada 606

TYSON BEARING CO.

Div. of SKF Industries, Inc.
Massillon, Ohio
Phone: TE 3-3116
(Contact manufacturer direct)

— U —

**U. S. BURKE MACHINE TOOL
DIV., THE**

Brotherton Rd. & Penn. RR
Cincinnati 27, Ohio
Phone: BR 1-5000
Ala. 128—Ariz. 58, 122—Cal. 529,
616, 906, 1105, 1191—Colo. 63—
D. C. 24—Fla. 68, 171, 344—Ga.
19, 61—Ill. 142, 1033, 1157—Ind.
21, 149, 263—Iowa 103, 113—Kan.
123—Ky. 85—La. 171, 207—
Mass. 59, 262, 644—Mich. 614,
1122, 1222—Minn. 203, 278, 327—
Mo. 57, 262, 448, 476—Neb. 50—
N. M. 33—N. Y. 290, 655—Ohio
63, 190, 429, 942—Okla. 96—Ore.
157—Pa. 190, 680, 1105, 1324—
R. I. 54—Tenn. 38, 193—Tex.
203, 216, 415, 766—Utah 42, 62—
Wash. 261—Wis. 239, 367—Can-
ada 80, 312, 345, 401

U. S. CARBIDE TOOL, INC.

5633 Brecksville Rd.
Cleveland 31, Ohio
Phone: LA 4-2966
(Contact manufacturer direct)

U. S. DRILL HEAD CO.

616-618 Burns St.
Cincinnati 4, Ohio
Phone: GR 1-5250
(See advertisement p. 44)
Ala. 158—Cal. 532, 1255—Colo.
142—Conn. 483—Ga. 90—Ill. 493,
1002—Ind. 68, 227—Kan. 84—
Mich. 236, 922—Minn. 231—Mo.
96, 546—Neb. 37—N. J. 104—
N. Y. 346, 1371, 1417, 1562—Ohio
634, 1215, 1577—Okla. 24—Pa.
980, 1282—Tex. 116, 559

**U. S. ELECTRICAL MOTORS,
INC.**

200 E. Slauson Ave.
Los Angeles 54, Calif.
Phone: AD 3-3131
Cal. 671, 1378A—Conn. 252—Ill.
754A—Kan. 32—Pa. 736

U. S. ELECTRICAL TOOL CO.

3640 Llewellyn St.
Cincinnati 23, Ohio
Phone: MU 1-3410
Cal. 1325—Colo. 21—Fla. 188—
Ill. 542—Kan. 46—La. 121—Mass.
102—Mich. 210—Minn. 232—N. Y.
1049, 1517—N. C. 141—Ohio
1077—Pa. 229, 1058—Tenn. 45—
Tex. 369—Wash. 193

U. S. ENGINEERING CO.

40-24 22nd St.
Long Island City, N. Y.
Phone: ST 6-7848
Ala. 127—Cal. 39, 1276—Conn.
110—Fla. 217—Ill. 75—Ind. 254—
La. 71—Mich. 795—Minn. 63, 144,
—Miss. 13—Mo. 576—N. Y. 51—
Ohio 969, 1343—Pa. 317—Tex. 93,
505, 649—Va. 57

U. S. GEAR CORP.

81 Bay St. Rd.
Wakefield, Mass.
Phone: CR 6-4900
Cal. 477—Fla. 307—Md. 80—N. J.
378—N. Y. 384, 776—Ohio 881,
1271—Pa. 320—Tex. 92

**U. S. HOFFMAN MACHINERY
CORP.**

P. O. Box 214 - Eastwood Sta.
Syracuse 6, N. Y.
Phone: HO 3-0251
Ariz. 82—Cal. 64, 1444—Fla. 341
Ga. 302—Ill. 522—Ind. 197—
Mass. 196, 529—Mich. 591—Minn.
318—Mo. 355—N. Y. 1537—Ohio
990—Pa. 40, 895—Tenn. 98—Wis.
103—Canada 350, 551

**U. S. INDUSTRIES, INC.
Clearing Machine Tool Div.**

6499 W. 65th St.
Chicago 38, Ill.
Phone: PO 7-8700
Ala. 129, 196—Ariz. 111—Cal.
809, 846, 1308—Colo. 100—Conn.
256, 467—Fla. 175—Ill. 783—Ind.
62, 201, 211, 475—Kan. 123—Ky.
52—La. 32, 181, 217—Md. 27—
Mass. 199, 421—Mich. 215—Minn.
119—Miss. 36—Mo. 96, 302—Neb.
37, 42—N. Y. 611, 1442—N. C. 135
—Ohio 621, 1288—Okla. 96—Ore.
44—Pa. 54, 598, 1106—R. I. 69—
Tex. 216, 472, 616, 766—Va. 39,
63—Wash. 92—Wis. 207

U. S. PRODUCTS CO.

518 Melwood Ave.
Pittsburgh 13, Pa.
Phone: MA 1-2130
(Contact manufacturer direct)

U. S. RUBBER CO.

1230 Ave. of the Americas
New York 20, N. Y.
(Contact manufacturer direct)

U. S. STEEL CORP.

525 William Penn. Pl.
Pittsburgh 30, Pa.
Phone: EX 1-2345
Ala. 163—Cal. 435, 1214—Conn.
214—Ill. 757, 1281—Ind. 416—Md.
142—Mass. 167—Mich. 740—
Minn. 332—Mo. 242, 593—N. Y.
360, 1099, 1100, 1101—Ohio 420,
469, 953—Pa. 738, 773, 999, 1110
—Tex. 284—Wis. 416

U. S. TOOL CO., INC.

255 N. 18th St.
East Orange, N. J.
Phone: OR 5-4000
(See advertisement p. 499)
Cal. 545—Fla. 272—Ill. 541, 660,
870, 1000—Ind. 12—Mass. 602—
Mich. 495—N. J. 120—Ohio 966—
Pa. 273—Tex. 472, 754—Wis. 317,
386—Canada 244, 434, 477, 606,
611

USI ROBODYNE DIV.

U S Industries, Inc.
8411 2nd Ave.
Silver Spring, Md.
Phone: JU 8-6890
(Contact manufacturer direct)

**UDELHOLM CO. OF AMERICA,
INC.**

155 E. 44th St.
New York 17, N. Y.
Phone: MU 7-4575
Cal. 769—Conn. 320—Ill. 748,
1198—Mich. 735—N. Y. 1091, 1608
—Ohio 948—Pa. 734

UDYLITE CORP., THE

1651 E. Grand Blvd.
Detroit 11, Mich.
(Contact manufacturer direct)

ULTRA HARD METALS, INC.

69 Hammond St.
Worcester 3, Mass.
Phone: PL 7-4341
(Contact manufacturer direct)

**ULTRASONIC INDUSTRIES,
INC.**

141 Albertson Ave.
Albertson L. I., N. Y.
Phone: PI 1-4333
Canada 426

UNIDAPT CO.

945 E. 10 Mile Rd.
Madison Heights, Mich.
Phone: JO 6-3180
Ariz. 81—Conn. 105, 217—Mass.
309—N. Y. 1017—Pa. 496, 873—
Wis. 167

MANUFACTURERS

UNIMET CARBIDES

435 W. Ontario St.
Chicago 10, Ill.
Phone: MI 2-4739
Cal 573, 904, 1129—Conn. 89, 281
—Fla. 175—Ind. 412—Kan. 114—
Ky. 101—Mass. 194, 603—Mich.
382, 447, 868, 1158—Mo. 587—
N. J. 409—N. Y. 277, 514, 1285—
Ohio 992, 1157, 1657—Ore. 77
Pa. 503, 839—Wash. 334—Wis.
363, 415, 442

UNION CARBIDE PLASTICS CO. Div. of Union Carbide Corp.

270 Park Ave.
New York 17, N. Y.
Phone: LL 1-2345
(See advertisement p. 488)
Cal. 771, 1377—Conn. 213—Ga. 251
—Ill. 752—Mass. 165—Mich. 736
—Mo. 240, 590—N. J. 84, 310—
N. Y. 566, 1379—N. C. 186—Ohio
418, 950—Pa. 1108—Tex. 360—
Wis. 416

UNION MFG. CO.

296 Church St.
New Britain, Conn.
Phone: BA 9-4801
Cal. 1592—Conn. 86, 250—Ga. 218
—Ill. 362, 375, 1291—Kan. 40—
Mich. 421—N. Y. 941—Ohio 1355
—Pa. 38—Tex. 755—Wash. 134

UNION STEEL PRODUCTS CO.

50 N. Berrien St.
Albion, Mich.
Phone: NA 9-2181
Ala. 154, 181—Ariz. 74—Cal. 106,
107, 184, 388, 1089, 1389—Colo. 17
—Conn. 506—D. C. 19—Fla. 59,
285, 368, 389—Ga. 273—Idaho 1,
17—Ill. 531, 1222—Ind. 40, 278—
Iowa 115—Ky. 57—Md. 103—
Mass. 370—Mich. 460, 969—
Minn. 331—Mo. 123, 529, 583—
Mont. 35—N. Y. 312, 567, 808,
1092, 1224, 1341, 1541, 1604—N. C.
140—Ohio 758, 837, 1187—Okla.
30, 135—Ore. 8, 41—Pa. 514, 913,
967—R. I. 20—Tenn. 2, 55, 64, 79
—Tex. 122—Utah 14—Va. 33, 107,
150, 161, 163—Wash. 32, 308, 351,
377—Wis. 382—Canada 275, 622

UNION TWIST DRILL CO.

Athol, Mass.
Phone: CH 9-3221
Cal. 773, 1378—Colo. 226—Ga.
202—Ill. 753—Mich. 737—N. Y.
1093—Tex. 473

UNIT PROCESS ASSEMBLIES, INC.

61 E. 4th St.
New York 3, N. Y.
Phone: SP 7-1398
Cal. 398, 692, 1186, 1194—Conn.
66, 288, 352, 424—Ga. 89—Ill.
587—Mass. 28, 364—Mich. 638,
1004—Minn. 198—Mo. 81, 373—
N. Y. 221—Ohio 1476—Pa. 559
Wash. 67—Wis. 182

UNITCAST CORP.

P. O. Box 8, Sta. E.
Toledo 9, Ohio
Phone: EV 5-2581
(Contact manufacturer direct)

UNITED ELECTRIC CONTROLS CO.

85 School St.
Watertown 72, Mass.
Phone: WA 6-1000
Cal 952, 987—Fla. 11—Ill. 671—
Ind. 5—La. 141—Md. 1—Mich.
1175—Minn. 161—Mo. 115, 415—
N. Y. 349, 463—Ohio 148, 713—
Ore. 149—Pa. 22, 93—Tex. 381,
686—Wis. 355

UNITED ENGINEERING & FOUNDRY CO.

948 Fort Duquesne Blvd.
Pittsburgh 22, Pa.
Phone: CO 1-6300
(Contact manufacturer direct)

UNITED LABORATORIES, INC.

303 U. B. Bldg. - P. O. Box 918
Huntington, Ind.
Phone: 718
Ind. 104, 130—Mich. 1390—Ohio
1036—Wis. 5

UNITED MINERAL & CHEMICAL CORP.

16 Hudson St.
New York, N. Y.
Phone: BE 3-8870-1-2-3
Ark. 33—Cal. 305, 933—Fla. 319,
326, 387—Ga. 210—Ill. 59—Ind.
206—Kan. 50, 97—Md. 204—
Mass. 315, 322—Mich. 634, 675,
968, 1044, 1084—N. J. 3—N. Y.
76, 79, 92, 107, 108, 864, 1525,
1603, 1648—N. C. 156—Ohio 146,
338, 1608—Pa. 638, 663, 984, 1160
—S. C. 31, 73—Tex. 57—Va. 79
—Wash. 10—Wis. 157, 480

UNITED SENSOR & CONTROL CORP.

122 Naubus Ave.
Glastonbury, Conn.
Phone: ME 3-2867
(Contact manufacturer direct)

UNITED STATES GAUGE DIV. American Machine & Metals, Inc.

Clymer Ave.
Sellersville, Pa.
Phone: AL 7-6531
Ala. 40—Cal. 61, 253, 586, 775,
1215—Colo. 51, 196—Conn. 245—
Fla. 117, 150—Ga. 310, 335—Ill.
486, 755—Ind. 129—Ky. 31—La.
27—Md. 137—Mass. 166, 470, 479
—Mich. 277, 527—Minn. 189, 258
Mo. 62, 520, 591, 606—Neb. 70—
N. J. 33, 419—N. Y. 104, 187, 358,
720, 904, 914, 1096—N. C. 91—Ohio
38, 697, 819, 952—Okla. 160—Pa.
545, 666, 929, 948—Tenn. 142—
Tex. 380, 688, 753, 828—Wash.
149—W. Va. 38—Wis. 313—Can-
ada 61, 299, 421, 503, 596

UNITED STATES GYPSUM CO.

300 W. Adams St.
Chicago 6, Ill.
Phone: ST 2-6100
Ala. 147—Cal. 776, 1379—Colo.
197—Fla. 386—Ga. 252—Ill. 756
—Ind. 415—La. 179—Md. 141—
Mich. 739—Minn. 259—Mo. 241,
592—Neb. 69—N. J. 85—N. Y.
35, 359, 1097—Ohio 419, 1012—
Ore. 192—Pa. 737, 1109—Tenn.
106—Tex. 361, 878—Utah 105—
Va. 133—Wis. 416

UNITED TOOL CO.

303 U. B. Bldg. - P. O. Box 918
Huntington, Ind.
Phone: 1442
(Contact manufacturer direct)

UNITED WELDERS, INC.

P. O. Box 272
Bay City, Mich.
Phone: TW 3-6528
Ill. 783—Ind. 389—Iowa 69, 183
Mich. 50, 1157—Mo. 179, 494—
N. Y. 243—N. C. 87—Ohio 1278,
1369—Pa. 117, 1090

UNITRON INSTRUMENT

Div. of United Scientific Co.
204-206 Milk St.
Boston 9, Mass.
(Contact manufacturer direct)

UNIVERSAL-AUTOMATIC CORP.

9545 Ainslie St.
Schiller Park, Ill.
Phone: GL 5-7720
Mich. 503—N. Y. 475

UNIVERSAL-CYCLOPS STEEL CORP.

Station St.
Bridgeville, Pa.
Phone: CA 1-8000
Cal. 777—Conn. 215—D. C. 90—
Ill. 979—Ind. 417—Mass. 687—
Mich. 741—Mo. 594—N. J. 536—
N. Y. 361, 1493—Ohio 954, 1296—
Pa. 293, 1111—Wis. 416

UNIVERSAL DRAFTING MACHINE CORP.

7960 Lorain Ave.
Cleveland 2, Ohio
Phone: OL 1-4747
Ala. 41—Cal. 54, 466, 685, 1223,
1332—Colo. 57—Conn. 336—D. C.
23—Fla. 259—Ill. 254, 594—La.
97—Mass. 153, 389—Mich. 308,
335, 607—Mo. 85—N. J. 151—N. Y.
214, 801, 809—Ohio 217, 597—
Pa. 520, 527, 855, 857, 1041—Tex.
681—Wash. 100—Wis. 179, 348

UNIVERSAL ENGINEERING CO.

126 N. Main St.
Frankenmuth, Mich.
Phone: OL 2-2311
Ala. 6—Ariz. 54—Cal. 443, 894—
Conn. 120—Fla. 321—Ill. 633,
983—Ind. 479—Kan. 90—Md. 25
—Mass. 658—Mich. 320, 864, 1163
—Minn. 94—Mo. 162, 473—N. J.
421, 580—N. Y. 290—N. C. 135—
Ohio 994, 1297, 1635—Okla. 107—
Pa. 190, 752, 1056—R. I. 78—
Tenn. 213—Tex. 574—Utah 3—
W. Va. 15—Wis. 65, 290—Canada
431

UNIVERSAL INSTRUMENTS CORP.

139 E. Frederick St.
Binghamton, N. Y.
Phone: RA 2-1244
(Contact manufacturer direct)

UNIVERSAL METAL HOSE CO.

2133 S. Kedzie Ave.
Chicago 23, Ill.
Phone: BI 7-1100
(Contact manufacturer direct)

UNIVERSAL VISE & TOOL CO.

Mill St.
Parma, Mich.
Phone: JE 1-4435
Ala. 94—Ariz. 37—Cal. 340, 606,
616, 1080, 1241, 1407—Colo. 195—
Conn. 43, 203—D. C. 24—Fla. 171
—Ill. 74, 230, 445, 729—Ind. 259,
553—Iowa 10—Mass. 59, 194, 533
—Mich. 692, Minn. 231—Mo. 57,
518—N. J. 267, 408—N. M. 33—
N. Y. 272, 946, 1574—Ohio 366,
621, 1059, 1234, 1635—Okla. 29
—Ore. 179—Pa. 598, 903—R. I.
69—Tenn. 105, 139—Tex. 243, 754
—Utah 26—Va. 63—Wis. 415

UP-TO-DATE TOOL CO.

P. O. Box Sta. A.
Worcester 8, Mass.
Cal. 616—Colo. 80—Conn. 165
Ill. 488, 495, 1037—Ky. 81—Md.
51—Mass. 15, 59, 669—Mich. 43,
425, 958—Minn. 119—N. M. 15—
N. Y. 385, 640, 1153—Ohio 786,
1063, 1373—Pa. 233, 1087—R. I.
42—Tenn. 87—Tex. 729—Va. 63

UPTON BRADEEN & JAMES, INC.

18067 Wyoming Ave.
Detroit 21, Mich.
Phone: DI 1-5673

Ala. 92—Cal. 513, 1251—Colo. 131
D. C. 24—Fla. 212—Ill. 754—La.
181—Mass. 55—Mich. 829, 1034—
Minn. 149—Mo. 191, 508—Neb. 44
—N. Y. 170, 1103—Ohio 410—Ore.
52—Pa. 1083, 1281—Tex. 280, 711
—Utah 46—Wash. 92

— V —

V-B MFG. CO.

2623 Park St.
Muskegon Heights, Mich.
Phone: PE 3-2129
Conn. 239—Ga. 303—Ill. 802—
Ind. 211—Mich. 616, 1228—N. Y.
824, 1525—Ohio 433, 646—Pa. 74
—R. I. 14—Wis. 448

VDF LATHE DIV.

Rudel Machinery Co., Inc.
165 Mill Lane
Westfield, N. J.
Phone: AD 2-3731
Cal. 723, 1453—Conn. 476—Fla.
43—Ill. 304—Mass. 143—Mich.
143—N. Y. 321, 1036, 1549—Ohio
453, 1133—Pa. 973—Tex. 285—711

VFC DIV.

Automation Devices, Inc.

3175 Brandes St.
Erie, Pa.
Phone: GL 6-5381
Ala. 127—Ark. 12—Cal. 846, 1301
—Colo. 80—Conn. 5—Ill. 523—
Iowa 98—Mass. 582—Mich. 746
—Minn. 209—Mo. 488—N. Y. 10,
374, 515, 1499—N. C. 213—Ohio
1343, 1495, 1553—Pa. 359, 1240—
Tenn. 222—Tex. 432—Wis. 460—
Canada 208

VAILL ENGINEERING CO., THE

137 E. Main St.
Waterbury 20, Conn.
Phone: PL 6-4678
Cal. 1591—Colo. 70—Ill. 57—Iowa
69, 183—Kan. 116—Mich. 68—Mo.
227, 569—N. Y. 1015, 1054—Ohio
1334—Okla. 165—Wash. 105

VALENITE METALS

P. O. Box 205
Royal Oak, Mich.
Phone: JO 6-0713
Cal. 779—Fla. 137—Ill. 762—Ind.
418—N. Y. 1569—Wis. 417

VALVOLINE OIL CO.

Div. Ashland Oil & Refining Co.
Freedom, Pa.
Phone: SP 4-2020
Cal. 780, 1380—Ga. 253—Ill. 537—
Ky. 1—Mich. 742—N. Y. 223, 1104
—Ohio 421, 791—Ore. 193—Pa.
246—Wash. 283—Canada 84, 218

VAMCO MACHINE & TOOL, INC.

2 Sedgwick St.
Pittsburgh 9, Pa.
Phone: TA 1-6000
(Contact manufacturer direct)

VAN KEUREN CO., THE

176 Waltham St.
Watertown 72, Mass.
Phone: WA 4-4394
(See advertisement p. 42)

Cal. 1011—Colo. 89—Fla. 175, 313
—Ill. 265—Ind. 350—Iowa 19—
Kan. 101—Mass. 2—Mich. 694—
Minn. 124—Mo. 162, 473—N. Y.
779, 1236—N. C. 113, 177—Okla.
89—Ore. 44—Pa. 568—R. I. 80—
Tenn. 4—Tex. 170, 754—Va. 15—
Wash. 218—Wis. 319, 481—Canada
405

VAN NORMAN MACHINE CO.

Div. Van Norman Industries, Inc.
3640 Main St.
Springfield 7, Mass.
Phone: RE 7-4721
Ark. 23—Cal. 605—Colo. 100—
Conn. 314—D. C. 91—Ga. 61—Ill.

MANUFACTURERS

290—Ind. 404—Kan. 100—La. 32,
181, 217—Mass. 121—Mich. 696—
Minn. 243—Miss. 36—Mo. 160, 429
—N. M. 15, 33—N. Y. 170, 428,
1106, 1311—N. C. 87—Ohio 410,
621, 1597—Okla. 125—Ore. 179—
Pa. 739, 790—Tex. 216—Wash.
259, 347—Canada 90, 429

VAN PRODUCTS CO.

5700 Swanville Rd.
Erie, Pa.
Phone: TE 3-5556

(Contact manufacturer direct)

VANADIUM-ALLOYS STEEL CO.

Latrobe, Pa.
Phone: KE 7-5551
(See advertisement p. 301)
Ala. 69—Cal. 828, 1452—Colo. 122
—Ill. 763—Ind. 419—Iowa 81—
Mass. 4, 168—Mich. 1065—Mo.
267, 595—N. J. 275—N. Y. 362,
1105—N. C. 24, 133—Ohio 422,
957, 1693—Pa. 1112, 1286—Tenn.
93—Tex. 363—Wis. 485—Canada
227, 423, 473, 598

VAPOR BLAST MFG. CO.

3025 W. Atkinson Ave.
Milwaukee 9, Wis.
Phone: CU 3-6500

Ala. 155—Cal. 847, 1407—Colo. 61
—Conn. 483—Ill. 1277—Ind. 571
—Iowa 50—La. 20—Mich. 425, 988
—Minn. 606—Mo. 296—N. J. 507—
N. M. 15—N. Y. 1386—N. C. 254—
Ohio 293, 829—Pa. 264, 1059—Tex.
487, 732—Utah 81—Wash. 146—
Canada 51, 320, 518

VASCOLOY-RAMET CORP.

800 Market St.
Waukegan, Ill.
Phone: ON 2-5220
Ala. 155—Ariz. 39, 58, 133—Ark.
21, 23—Cal. 102, 337, 340, 473,
829, 860, 1105, 1207, 1252—Colo.
19, 48, 199—Conn. 490—D. C. 82—
Fla. 37, 114, 121, 156, 236, 282, 366
—Ga. 116, 340, 352—Ill. 764, 830,
901, 1008, 1060, 1168, 1255, 1280,
1288, 1293—Ind. 16, 39, 61, 420,
496, 544—Iowa 151—Kan. 81—Ky.
12, 128—La. 17, 60, 168, 182, 210—
Me. 35—Md. 90—Mass. 2, 411, 485,
670, 676—Mich. 744, 803, 1020,
1106, 1339—Minn. 256—Miss. 3, 18
—Mo. 1, 3, 144, 597—Neb. 44—
N. J. 69, 569—N. M. 37, 47, 50—
N. Y. 47, 486, 499, 523, 551, 619,
669, 1107, 1155, 1380, 1504, 1643—
N. C. 19, 89, 180, 194, 233, 239—
Ohio 22, 55, 423, 460, 1186, 1368,
1435, 1625, 1714—Okla. 5, 32, 108
—Pa. 105, 142, 188, 307, 425, 741,
871, 1320—S. C. 6, 17, 30, 74—
Tenn. 47, 101, 200, 263—Tex. 5,
14, 44, 52, 77, 258, 297, 364, 674,
684, 758, 762, 812, 846, 880, 891,
904—Utah 79—Vt. 9—Va. 13, 15,
120, 146—Wash. 284—W. Va. 11,
53, 65, 90, 93—Wis. 52, 89, 418

VEEDER-ROOT, INC.

70 Sargeant St.
Hartford 2, Conn.
Phone: JA 7-7201
Cal. 781, 1306—Ill. 765—Mass. 254
—Mich. 745—Mo. 551—N. Y. 1109
—Ohio 424, 958—Pa. 285, 1113—
S. C. 65—Wash. 170—Canada 599

VEET INDUSTRIES

25753 Groesbeck Hwy.
E. Detroit, Mich.
Phone: PR 6-3000
Ala. 193—Ark. 23—Cal. 59, 846—
Conn. 374—D. C. 86—Fla. 313—
Ga. 61—Ill. 168, 206, 1002—Ind.
140—La. 156—Md. 81—Mass. 236
—Mich. 1119—Minn. 243—Mo. 448
—N. J. 408—N. C. 160—Ohio 621,
856, 1184, 1373—Ore. 157—Pa. 521,
798—Tex. 280, 605—Va. 146—
Wash. 92—W. Va. 18—Wis. 323

VEIT & YOUNG, INC.

Buck Rd. & County Line
Huntingdon Valley, Pa.
Phone: OR 3-0461
(Contact manufacturer direct)

VERNON DEVICES, INC.

481 E. 3rd St.
Mount Vernon, N. Y.
Phone: MO 4-1686
Cal. 279, 616, 711, 894—Conn. 3,
43—Ill. 20, 206, 578, 992, 1157,
1177—Ind. 385, 544—Iowa 50, 103
—Mass. 61, 206—Mich. 425, 459,
672, 963—Minn. 67, 124—Mo. 119,
488—Neb. 37—N. J. 42, 75, 135,
408, 439—N. Y. 442, 450, 573, 584,
614, 1285, 1408, 1583, 1646—N. C.
75—Ohio 123, 430, 1036, 1161, 1215,
1371—Ore. 112—Pa. 242, 554, 568,
1084—Tex. 762, 904—Va. 62—Wis.
245, 250, 254, 405

VERSA PRODUCTS CO., INC.

150 Coolidge Ave.
Englewood, N. Y.
Phone: LO 7-2620
Cal. 753, 1366—Conn. 272—Ga.
109—Ill. 65—Ind. 372—Ky. 114—
Mass. 271—Mich. 436—Minn. 39—
N. J. 177—N. Y. 134, 290, 449, 970,
1281, 1322, 1531—Ohio 38, 394, 866,
1085, 1272—Ore. 58—Pa. 596, 1023
—Tex. 387, 495—Wash. 269—Wis.
205

VERSON ALLSTEEL PRESS CO.

9336 Kenwood Ave.
Chicago 19, Ill.
Phone: RE 4-8200
Ariz. 38—Cal. 104, 1308—Colo. 70
—Conn. 465—Ga. 248—Ind. 389
—Mass. 399—Mich. 747, 885, 1222
—Minn. 149—Mo. 96, 537—N. J.
423—N. Y. 301, 1536—N. C. 19—
Ohio 959, 1359, 1589—Pa. 233, 980
—Tex. 365—Va. 146—Wash. 92—
Wis. 486—Canada 583

VIBRATION MOUNTINGS, INC.

98-25 50th Ave.
Corona 68, N. Y.
Phone: HI 6-2370
Ala. 104—Ariz. 70—Cal. 444, 1161
—Conn. 179—D. C. 77—Fla. 56,
296—Ga. 239—Ill. 195—Ind. 159—
Md. 129—Mass. 135—Mich. 415—
Minn. 257—Mo. 18, 194—Mont. 5—
N. Y. 22, 274, 391, 396—N. C. 70,
167, 221—Ohio 613, 1711—S. C. 20,
50—Wash. 138

VICKERS, INC.

Administrative & Engineering
Center
P. O. Box 302
Detroit 32, Mich.
Phone: LI 9-1122
Cal. 153, 281—Ga. 256—Ill. 32,
1209—Ind. 421—Mass. 688—Mich.
748, 1031—Mo. 596—N. J. 537—
N. Y. 1381—Ohio 425, 960—Pa.
384, 1114—Tex. 759—Wash. 285—
Wis. 419—Canada 87, 425, 600

VICTOR, INC.

15 Maple Ave.
Paoli, Pa.
Phone: NI 4-3340
Ill. 692—Md. 108—Mich. 597—
Ohio 391, 1633—Ore. 126

VICTOR MFG. CO., THE

183 High St.
Boston 10, Mass.
Phone: LI 2-8974
(Contact manufacturer direct)

VICTORY CARBIDE SAW & TOOL CO., INC.

1027-41 Anita Ave.
Antioch, Ill.
Phone: AN 1900
Ala. 45—Ill. 5—Ind. 132—Md. 125
—Mich. 1200—Mo. 580—Neb. 37—
Ohio 329—Pa. 1045—Tenn. 210

VIKING PUMP CO.

4th & Olsen Sts.
Cedar Falls, Iowa
Phone: CO 6-1741
Ga. 257—Ill. 766—Ind. 422—Kan.
51—Ohio 961—Tex. 366—Wis. 420

VIKING TOOL CO., THE

1000 Nichols Rd.
Shelton, Conn.
Phone: WA 9-1457
(Contact manufacturer direct)

VIMCO MFG. CO., INC.

Main St.
Holland, N. Y.
Phone: CY 2811
(Contact manufacturer direct)

VINCO CORP.

9111 Schaefer Hwy.
Detroit 28, Mich.
(Contact manufacturer direct)

"VISUAL" PLANT LAYOUTS, INC.

Pennsylvania Ave. at River
Oakmount, Pa.
Phone: OA 3410
Cal. 843—Del. 9—Canada 575

VITRIFIED WHEEL CO.

30 Emery St.
Westfield, Mass.
Phone: LO 2-2301
Conn. 53, 155, 335—Mass. 216, 508
—Mich. 722, 749—N. Y. 1254, 1514
—Ohio 765, 1113—Pa. 957—R. I.
67—Wis. 161

VLIER ENGINEERING CORP.

Subsidiary of Barry Controls, Inc.
8900 Santa Monica Blvd.
Los Angeles 46, Calif.
Phone: OL 5-6540
Ariz. 37, 178—Ark. 23—Cal. 51,
279, 677, 711, 730, 1134—Colo. 80—
Conn. 334, 491—D. C. 24—Fla. 272
—Ga. 87—Ill. 168, 960—Ind. 385—
Kan. 81—Md. 64—Mass. 669—
Mich. 17, 325, 963, 1128, 1156, 1232
—Minn. 176—Mo. 57, 302, 549—
Neb. 37—N. J. 317—N. M. 15—
N. Y. 124, 355, 442, 685, 946,
1377, 1574, 1643—N. C. 254—Ohio
265, 968, 1197, 1604—Okla. 120—
Ore. 195—Pa. 6, 1071—S. C. 66—
Tenn. 1, 105, 262—Tex. 352, 700—
Utah 72—Wash. 47—Wis. 388—
Canada 185, 435, 465, 514

VON WEISE GEAR CO.

9353 Watson Industrial Park
St. Louis 3, Mo.
Phone: WO 2-1800
Cal. 709, 1429—Colo. 108—Ill. 1079
—Ind. 1178—Iowa 74—Mich. 1003
—Minn. 217—Mo. 171—N. J. 513
—N. Y. 326, 1394, 1468—Ohio 359,
803—Ore. 81—Pa. 659—Tex. 563—
Wis. 360

VULCAN TOOL CO.

730 Lorain Ave.
Dayton 10, Ohio
Phone: CL 3-6194
(Contact manufacturer direct)

— W —

W. V. INDUSTRIES

Box 222
Hawthorne, N. J.
Phone: MU 4-4688
(Contact manufacturer direct)

WACHS CO., THE E. H.

1525 N. Dayton St.
Chicago 22, Ill.
Phone: MI 2-4650
Ala. 73—Ariz. 20—Cal. 674—Ill.
183—Mass. 9—Minn. 213—N. J.

114—N. M. 7—N. Y. 477, 1301—
Pa. 329—Tex. 212, 506—Wash. 215

WADE TOOL CO., THE

49 River St.
Waltham 54, Mass.
Phone: TW 4-1050
Ala. 112—Cal. 723, 1334—Conn.
475—Fla. 127—Ill. 168, 597—Mass.
618—Mich. 610, 614—Mo. 517—
N. Y. 654, 1336, 1585—N. C. 109—
Ohio 360, 621, 833—Pa. 669, 1042
—Wis. 349

WALDES KOHINOOR, INC.

47-16 Austel Pl.
Long Island City 1, N. Y.
Phone: EX 2-3100
Ala. 93—Ariz. 68—Ark. 26—
Cal. 181, 523, 609, 786, 886, 1043,
1113, 1174, 1381—Colo. 22—Conn.
13, 27, 130, 149, 199, 268, 341—Fla.
98, 196—Ga. 152, 181—Hawaii 4—
Idaho 18—Ill. 143, 353, 845, 874,
931, 958, 1003, 1032, 1102, 1143,
1248, 1283—Ind. 25, 108, 121, 375,
433, 507—Iowa 23, 62, 109—Kan.
55, 73, 76—Ky. 53, 135—La. 189—
Me. 20—Md. 105—Mass. 46, 282,
447, 638—Mich. 528, 584, 983, 1130,
1195, 1326—Minn. 14, 27, 182, 261,
311—Miss. 22—Mo. 52, 407, 503—
Mont. 37—Neb. 61—N. J. 68, 208,
228, 335, 569—N. Y. 69, 82, 256,
346, 448, 548, 581, 740, 1143, 1300,
1370, 1561, 1590, 1611, 1630—N. C.
95—N. D. 11—Ohio 6, 85, 156, 487,
488, 824, 1022, 1126, 1279, 1317,
1354, 1386, 1413, 1533, 1699, 1737—
Okla. 74—Ore. 12, 54, 207—Pa.
179, 321, 634, 729, 792—R. I. 10—
S. D. 13—Tenn. 15, 63, 77, 198, 229
—Tex. 2, 71, 103, 105, 414, 546,
804, 864, 884—Utah 16—Va. 108—
Wash. 1, 26, 28, 50, 313, 355—
W. Va. 16, 54, 79—Wis. 15, 84, 221,
433, 462

WALES STRIPPIT, INC.

Unit of Houdaille Industries, Inc.
Akron, N. Y.
Phone: LH 2-5441
(See advertisement p. 477)
Cal. 787, 1383—Conn. 216—Fla.
283—Ill. 1061—Ind. 428—Iowa 83
—Mass. 169—Mich. 755—Minn.
264—Mo. 15—N. J. 422—N. Y.
137, 366—Ohio 428, 963—Okla.
171—Pa. 743, 1116—Tex. 474—
Wash. 286—Wis. 424—Canada 146,
590

WALKER HYDRAULICS DUPLICATOR

US 23
Standish, Mich.
Phone: VI 6-7871
Cal. 1255, 1589—Ga. 221—Ill. 11,
1237—Ind. 17, 217—Mich. 988—
Mo. 97—Ohio 12—Okla. 24, 99—
Pa. 645, 980, 1083—Canada 433

WALKER CO., INC., O. S.

Rockdale St.
Worcester 6, Mass.
Phone: PS 6-6293

WALL COLMONOY CORP.

19345 John R. St.
Detroit 3, Mich.
Phone: TW 3-3800
Ala. 148—Cal. 850—Ill. 963—N. Y.
70, 612—Pa. 387, 1117—Tex. 761

WALLACE SUPPLIES MFG. CO.

1304-12 W. Diversey Parkway.
Chicago 14, Ill.
Phone: BU 1-7000
Cal. 529, 615, 772, 884, 1189,
1191, 1447, 1452—Fla. 320—Ind.
235—Mo. 536—N. Y. 1110—N. C.
6, 132, 185—Ohio 1373—Ore. 44—
Pa. 1005, 1281—S. C. 26, 63—Tenn.
104—Va. 62, 130, 155—Wash. 218
—Canada 2, 12, 47, 90A, 99A, 129,
132A, 133, 148, 166A, 193, 221A,
234A, 304, 458A, 492, 510, 608A,
624A, 625A

MANUFACTURERS

WALMET CORP.

404 E. 10 Mile Rd.
Pleasant Ridge, Mich.
Phone: LI 7-9233
Conn. 220—Ill. 51—Ind. 184—
Mass. 634, Mich. 1384—Mo. 425—
N. J. 277—N. Y. 196—Ohio 124,
1565—Pa. 231—Tex. 336—Wis. 249

WALTHAM MACHINE WORKS

54 Sun St.
Waltham 54, Mass.
Phone: TW 3-0508
(Contact manufacturer direct)

WALTON CO., R. J.

333 N. Michigan Ave.
Chicago 1, Ill.
Phone: CE 6-4087
(Contact manufacturer direct)

WALTON CO., THE

P. O. Box 5—Elmwood Branch
Hartford 10, Conn.
Phone: JA 3-5231
(Contact manufacturer direct)

WAPAKONETA MACHINE CO.

P. O. Box 179
Wapakoneta, Ohio
Phone: RE 8-2131
Ala. 209—Cal. 1384—Conn. 69—
Ga. 361—Ind. 429—Md. 154—
N. C. 188—Ohio 1384, 1669—Ore.
196—Tex. 370—Wis. 487

WARD MACHINERY CO.

564 W. Washington Blvd.
Chicago 6, Ill.
Phone: ST 2-9440
(Contact manufacturer direct)

WARD-RIDDLE CO., THE

241 Myrtle St.
Ravenna, Ohio
Phone: AX 6-3448
Cal. 602, 1311—Colo. 80—Minn.
296—N. Y. 1440—Ohio 35, 619—
Okla. 129—Pa. 1056—R. I. 81—
Va. 73—Canada 244, 434, 606, 611

WARNER ELECTRIC BRAKE & CLUTCH CO.

Beloit, Wis.
Phone: DV 9-2211
Cal. 988—Colo. 152—Conn. 512—
Ga. 98—Ill. 779, 1203—La. 138—
Md. 107—Mass. 628—Mich. 758—
Mo. 315—N. J. 193, 279—N. Y.
320, 1355, 1547—N. C. 160—Ohio
402, 1506—S. C. 15, 55, 85—Tex.
175, 440, 581—Wis. 200—Canada
360, 574

WARNER & SWASEY CO.

5701 Carnegie Ave.
Cleveland 3, Ohio
Phone: HE 1-5580
Cal. 790, 1255—Colo. 70—Conn.
321—Ga. 261—Ill. 1062—Ind. 430
—Iowa 84—Mass. 401—Mich. 759,
1032—Minn. 268—Mo. 601—N. J.
121—N. Y. 1383, 1572—N. C. 137—
Ohio 970, 1299—Okla. 172—Ore.
96—Pa. 60, 221, 1118—Tex. 764—
Utah 88—Wash. 132, 327—Wis. 427

WARNER & SWASEY CO., THE

Control Instrument Div.
34 W. 33 St.
New York 1, N. Y.
Cal. 315—Colo. 70—Conn. 503—
Ill. 425—Mich. 271—Minn. 307—
Mo. 367—Ohio 548—Wash. 132,
327—Wis. 251

WARREN-KNIGHT CO.

136 N. 12th St.
Philadelphia 7, Pa.
Phone: LO 7-3984
(Contact manufacturer direct)

WASHINGTON STEEL CO.

Washington, Pa.
Phone: BA 2-8000
(Contact manufacturer direct)

WATERBURY FARREL FOUNDRY & MACHINE CO., THE

Div. of Textron, Inc.
453 Bank St.
Waterbury 20, Conn.
Phone: PL 6-3621
Cal. 830—Ill. 1063—N. J. 298—
Ohio 971

WATSON CO., RAY V.

3101 Falls Cliff Rd.
Baltimore 12, Md.
Phone: BE 5-7302
(Contact manufacturer direct)

WATSON-STILLMAN PRESS DIV.

Farrel-Birmingham Co., Inc.
565 Blossom Rd.
Rochester 10, N. Y.
(Contact manufacturer direct)

WATTS BROTHERS TOOL WORKS

760 Airbrake Ave.
Wilmerding, Pa.
Phone: VA 3-7877
Cal. 340, 1241—Ill. 161—Ind. 259—
Mich. 729—Ohio 915—Pa. 668—
R. I. 48—Tex. 766—Canada 301

WATTS REGULATOR CO.

10 Embankment St.
Lawrence, Mass.
Phone: MU 2-5277
Ark. 10, 23—Cal. 848, 1333—Conn.
171—Fla. 175, 395—Ga. 198, 316—
Ill. 65, 781, 1184—Ind. 270, 487—
Ky. 75—La. 5, 28—Mass. 418—
Mich. 1305—Minn. 322—Miss. 32—
Mo. 40, 488, 542—N. J. 96, 362, 372
—N. Y. 50, 357, 442, 544, 576, 970,
1354, 1405, 1567—Ohio 272, 725,
1203, 1614—Okla. 116—Ore. 107—
Pa. 596, 790—R. I. 17—Tex. 217,
420, 617—Wash. 169—Wis. 32

WAUKEGAN QUALITY TOOL WORKS, INC.

322 S. Elmwood Ave.
Waukegan, Ill.
Phone: DE 6-0697
Ind. 131, 164, 499—Mich. 247—Mo.
425—Ohio 147, 662, 1122, 1566—
Wis. 245

WAUKESHA CUTTING TOOLS

Midland & Pearl Sts.
Waukesha, Wis.
Phone: LI 2-4426
(Contact manufacturer direct)

WAYNE CHEM. PRODUCTS CO.

9470 Copland
Detroit 17, Mich.
Mich. 38, 1277—Minn. 317—Ohio
1886

WAYNE TOOL CO.

N. Franklin St.
Waynesboro, Pa.
Phone: 374
Cal. 894—Ind. 560—N. Y. 980—
Ohio 795—Pa. 1016—Va. 38
Cal. 822, 1550—Ga. 242—Ill. 951—
Ind. 10, 93—Mo. 59—N. J. 611—
N. Y. 59—Ohio 240, 1348—Pa. 487,
1066—R. I. 18—Tex. 749—Wash. 8
—Wis. 73

WEBB CO., JERVIS B.

8951 Alpine St.
Detroit 4, Mich.
Phone: WE 3-8010
Cal. 1271, 1501—Ga. 145—Ill. 782
—Ky. 76—Md. 215—Mass. 173—
Mich. 450, 869, 967—Minn. 269—
Miss. 20—N. J. 580—N. Y. 1117,
1167—N. C. 77—Ohio 273, 691—
Pa. 358, 930—Canada 188, 548

WEBB CORP., THE

Webb City, Mo.
Phone: OR 3-4646
Ala. 92—Cal. 615, 1285—Fla. 345—
Ga. 19—Ill. 298, 403, 783—Ind. 235
—La. 210—Mass. 261—Mich. 143
—Minn. 327—Mo. 95, 429—N. Y.
200, 655, 1538—N. C. 135—Ohio
287, 772—Okla. 129—Ore. 157—
Pa. 980, 1281—Tenn. 192—Tex.
249, 524—Utah 104—Wis. 218

WEBBER GAGE CO.

12900 Triskett Rd.
Cleveland 11, Ohio
Phone: CL 1-1290
Ala. 6, 45—Ariz. 45, 122, 178, 184
—Cal. 6, 21, 49, 133, 249, 337, 340,
442, 503, 606, 616, 692, 730, 770,
827, 894, 996, 1011, 1080, 1127,
1241, 1407, 1473, 1504, 1518—
Colo. 70—Conn. 145—Fla. 8, 16,
32, 184, 272, 322—Ga. 61, 157—
Ill. 677—Ind. 259, 516—Iowa 113—
Ky. 60—La. 171—Mass. 364—
Mich. 754, 833, 958, 1122, 1236—
Minn. 198—Mo. 57, 97, 119, 329,
488, 518—N. J. 152, 427, 600, 615—
N. Y. 483, 779, 1236, 1553, 1574—
N. C. 19, 135, 213, 254—Ohio 327,
545, 550, 578, 631, 757, 786, 979,
980, 992, 1184, 1237, 1622, 1635—
Ore. 44—Pa. 166, 190, 382, 383,
407, 778, 948, 980, 992, 1106—Tenn.
14, 56, 213—Tex. 169, 472, 574—
Wash. 69, 93, 218—Wis. 220, 368

WEDDELL TOOLS, INC.

37 Centennial St.
Rochester 11, N. Y.
Phone: BE 5-2710
Cal. 272—Conn. 400—Ill. 980—
Ind. 57—Ky. 130—Mass. 593—
Mich. 65—Mo. 144—N. Y. 475,
1270—Ohio 669, 1053—Pa. 1197—
Tex. 358—Wis. 319—Canada 179,
357, 458

WEDIN CORP.

403 N. Lake St.
Cadillac, Mich.
Phone: PR 5-3425
Cal. 827—Mich. 355—Minn. 243—
N. J. 204—N. Y. 1350—Pa. 568—
Wis. 140

WEISSER MACHINERY CORP.

1539 W. Elizabeth Ave.
Linden, N. J.
Phone: HU 6-9110
Cal. 272—Ill. 28—N. J. 263—N. Y.
475—Pa. 722

WELDT, INC.

990 Oakman Blvd.
Detroit 38, Mich.
Phone: TO 8-3060
Cal. 1344, 1386—Del. 4—Ill. 654,
1109—Ind. 431, 440, 542—Mass.
81, 260—Mich. 31, 862, 985, 1148,
1275—Minn. 246—Mo. 144, 366—
N. J. 76, 226, 380—N. Y. 318—
Ohio 24, 150, 974, 1650—Pa. 139,
414, 620—Tenn. 201—Tex. 374—
Va. 139—Wis. 284, 445—Canada
342, 461

WELDON TOOL CO., THE

3000 Woodhill Rd.
Cleveland 4, Ohio
Phone: RA 1-5454
Cal. 38, 959—Ill. 443, 894—Mass.
266—Mich. 911—N. J. 493—N. Y.
1185—Ohio 116, 398—Pa. 131

WELLS & SONS, W. F.

North on old 131
Three Rivers, Mich.
Phone: CR 9-2370
Ala. 45—Ariz. 58, 122—Cal. 133,
249, 554, 754, 764, 807, 870, 926,
928, 971, 994, 1035, 1040, 1080,
1278, 1497, 1531—Colo. 90, 100,
195, 202—Conn. 331, 467—D. C.
24—Fla. 212, 248, 313, 377—Ga.

61, 303—Idaho 11—Ill. 122, 133,
149, 206, 238, 345, 427, 403, 434,
834, 843, 1033, 1103, 1148, 1257—
Ind. 17, 21, 580—Kan. 53, 100—
La. 158—Md. 15, 51, 120—Mich. 1,
190, 225, 291, 394, 579, 603, 668,
773, 937, 1160, 1170, 1216, 1234—
Minn. 203, 265—Mo. 65, 70, 106,
244—N. J. 268, 360, 523—N. Y. 87,
330, 465, 472, 605, 645, 842, 870,
973, 1144, 1196, 1333, 1455—N. C.
86, 149, 232—Ohio 56, 190, 621,
638, 679, 856, 1055, 1068, 1234,
1356, 1571, 1590—Okla. 99—Pa.
167, 182, 309, 647, 680, 961, 963,
980, 1304—Tenn. 170—Tex. 219,
280, 330, 443, 651, 685—Utah 26—
Va. 13, 30, 45, 48, 59—Wash. 295—
Wis. 239, 297

WELTRONIC CO.

19500 W. 8 Mile Rd.
Southfield, Mich.
Phone: KE 2-8800
Cal. 795—Ill. 791—Mo. 258—N. Y.
369—Ohio 1665, 1676—Pa. 746—
Canada 474

WENDER PRESSES, INC.

1915 Clay Ave.
Detroit 11, Mich.
Phone: TR 2-1270
(Contact manufacturer direct)

WENDT-SONIS CO.

10th & Collier Sts.
Hannibal, Mo.
Phone: LD 6

Ariz. 37, 122—Ark. 9, 11, 21, 39—
Cal. 15, 51, 138, 249, 695, 1056,
1094, 1364—Colo. 55, 106, 229—
Conn. 43, 83, 142, 259, 491—Del. 7
—D. C. 87—Fla. 17, 73, 114, 174,
184, 272, 313, 322, 335, 351, 397—
Ga. 82, 293, 317—Idaho 11—Ill.
20, 173, 206, 207, 395, 445, 637,
729, 792, 849, 878, 1107, 1157, 1284
—Ind. 11, 48, 51, 223, 437, 456, 459,
499, 565—Iowa 21, 55, 103, 143,
152, 166, 169—Kan. 2, 95—Ky.
25, 130—La. 19, 30, 35, 101, 207—
Me. 26—Md. 32, 120, 175—Mass.
2, 5, 40, 206, 281, 578, 692—Mich.
1, 40, 642, 797, 837, 862, 958, 1103,
1139, 1150, 1200, 1222, 1319, 1353—
Minn. 8, 124—Miss. 14, 28—Mo.
23, 29, 57, 488, 614, 617, 624—Neb.
1, 12, 15, 34—N. J. 37, 522, 539—
N. M. 39—N. Y. 100, 105, 116, 117,
124, 347, 355, 442, 544, 584, 604,
644, 676, 682, 842, 865, 935, 946,
952, 1289, 1377, 1408, 1535, 1628—
N. C. 9, 19, 33, 113, 149, 176, 187,
227, 232—Ohio 68, 167, 351, 899,
1089, 1113, 1191, 1395, 1416, 1429,
1430, 1519, 1575, 1622, 1721—Okla.
41, 120—Ore. 68—Pa. 14, 33, 234,
242, 348, 473, 494, 554, 839, 1131,
1304—R. I. 28—S. C. 2, 16, 39, 56,
70—Tenn. 32, 44, 101, 102, 139,
242—Tex. 20, 33, 58, 73, 323, 352,
415, 492, 695, 785, 787, 870, 897, 901
—Utah 72, 96—Va. 15, 24, 26, 29,
39, 51, 106, 153—Wash. 244—
W. Va. 19—Wis. 10, 52, 68, 77, 81,
254, 340, 353, 441—Canada 42, 148,
287

WESCHE ELECTRIC CO., THE

B. A.
9027 Shell Rd.
Cincinnati 36, Ohio
Phone: TW 1-6600
Cal. 52, 789—Ill. 814—Mass. 463—
N. Y. 1040—Ohio 221, 665—Pa. 78

WESCO TOOL, INC.

2820 N. San Fernando Blvd.
Burbank, Calif.
Phone: VI 9-5447
(Contact manufacturer direct)

WESPO DIV.

Vlier Engineering Co.
26935 W. 7 Mile Rd.
Detroit 40, Mich.
Phone: KE 2-5198

MANUFACTURERS

Ala. 169—Ariz. 54, 178—Cal. 566, 677—Colo. 80—Conn. 334—Fla. 253—Ga. 87—Ill. 412—Ind. 385, 526—Kan. 81—Ky. 120—Md. 32—Mass. 411—Mich. 420—Minn. 256—Mo. 95, 518—Neb. 50—N. J. 21, 292—N. Y. 234, 573, 1354, 1643—N. C. 247—Ohio 968, 1186, 1604—Ore. 195—Pa. 1071—R. I. 40—Tenn. 123—Tex. 326—Utah 72—Wash. 253—Wis. 128—Canada 222, 433

WESSON CO.

1220 Woodward Heights Blvd.
Ferndale 20, Mich.
Phone: JO 6-1500
(See advertisement p. 19-20)
Cal. 249—Ill. 1153, 1218—Ky. 25, 66—Md. 90—Mich. 841, 1316—Minn. 243—Mo. 119—Neb. 37—N. J. 125—N. Y. 516—Ohio 383, 1483—Pa. 95, 268, 1313—Tenn. 56, 213—Tex. 875—Wis. 16

WESSON CO., D. B.

150 Tobey Rd.
Monson, Mass.
Phone: CO 7-3677
Cal. 1016

WEST CHEMICAL PRODUCTS, INC.

42-16 West St.
Long Island City 1, N. Y.
Phone: ST 4-2424
Cal. 796, 950—Colo. 204—Ga. 199—Ill. 793—La. 184—Mass. 240—Mich. 766—Minn. 336—Mo. 246, 604—N. J. 24—N. Y. 370, 613—Ohio 432, 975—Ore. 198—Pa. 748—Tex. 376—Utah 108—Va. 141—Wash. 294—Wis. 428—Canada 603

WESTERN COATING CO.

P. O. Box 596—Oakridge Sta.
Royal Oak 3, Mich.
Phone: JU 8-3311
Cal. 1014—Fla. 165, 272—Ga. 134—Kan. 110, 114—Mich. 974—Mo. 20—N. Y. 476, 1387—Ohio 416, 1232, 1479—Okla. 138—Pa. 212, 467—Tex. 219, 678—Canada 518

WESTERN GEAR CORP.

2600 E. Imperial Hwy.
Lynwood, Calif.
Phone: NE 6-0911
Cal. 50, 821, 1015—Colo. 206—Conn. 510—Ill. 794—N. Y. 1126—Ore. 199—Tex. 377, 767—Wash. 299

WESTERN MFG. CO.

3428 Scotten Ave.
Detroit 10, Mich.
Phone: TY 6-1806
(Contact manufacturer direct)

WESTFIELD METAL PRODUCTS CO., INC.

1100 Lower Union St.
Westfield, Mass.
Phone: LO 2-3614
Ill. 155—Mo. 369—N. Y. 752

WESTINGHOUSE AIR BRAKE CO.

Industrial Products Div.
P. O. Box 36
Wilmerding, Pa.
Phone: BR 1-1490
Ala. 183, 188—Ariz. 8, 120—Cal. 36, 193, 306, 161, 165, 799, 801, 1099, 1110, 1457, 1534, 1539—Colo. 69—Conn. 32—D. C. 93, 97—Fla. 74, 122, 126, 179, 274, 337—Ga. 108—Hawaii 23—Ill. 65, 551, 796, 1018—Ind. 32, 145—Iowa 15, 98—Kan. 113—Ky. 149—La. 189—Md. 41—Mass. 323—Mich. 1186, 1320, 1337—Miss. 1, 5, 8, 32—Mo. 542—Mont. 11—N. J. 372, 551—N. Y. 27, 187, 856, 970, 1127, 1404, 1494, 1567—Ohio 1201—Ore. 27, 61, 96

—Pa. 682, 784, 1065—R. I. 15—S. C. 86—Tenn. 170, 249—Tex. 6, 7, 76, 378, 420, 768, 786, 903—Utah 102—Va. 41—Wash. 132, 320—W. Va. 69, 87—Wis. 430

WESTINGHOUSE ELECTRIC CORP.

3 Gateway Center—P. O. Box 2278
Pittsburgh 30, Pa.
Phone: EX 1-2800
(Contact manufacturer direct)

WESTINGHOUSE ELECTRIC CORP.

Industrial Electronics Dept.
2519 Wilkens Ave.
Baltimore 3, Md.
Phone: CE 3-2300
(Contact manufacturer direct)

WETMORE TOOL & ENGINEERING CO.

5320 E. Washington Blvd.
Los Angeles 22, Calif.
Phone: AN 9-7266
Ariz. 84, 178—Cal. 1095, 1315—Colo. 99—Conn. 400—Ga. 165—Ill. 230, 1168—Iowa 48—Kan. 114—Ky. 12—Mass. 10—Mich. 1050—Mo. 144, 372, 473—N. J. 453—Ohio 314, 1161, 1324—Okla. 120—Pa. 484—Tex. 130, 352, 695—Utah 72—Wash. 69—Wis. 319

WHEEL DRESSING, INC.

8516 Burnette
Detroit 4, Mich.
Phone: TE 4-3363
Ind. 478, Mich. 768—N. Y. 1424

WHEEL TRUEING TOOL CO.

3200 W. Davison Ave.
Detroit 38, Mich.
Phone: TO 9-8900
(See advertisement p. 307)
Ala. 38—Cal. 802, 856—Ill. 927, 1202—Ind. 236—Kan. 125—Mass. 19, 695—Mich. 789, 952—Minn. 68—Mo. 57, 255—N. J. 26—N. Y. 469—N. C. 141—Ohio 114, 1185—Tenn. 200—Tex. 326, 379, 658—Canada Ontario 475

WHEELABRATOR CORP.

1460 S. Byrkit St.
Mishawaka, Ind.
Phone: BL 5-2141
(Contact manufacturer direct)

WHISTLER & SONS, INC., S. B.

752 Military Rd.
Buffalo 23, N. Y.
Phone: DE 8000
(See advertisement p. 504)
Cal. 624, 1255—Conn. 306—Fla. 272—Ill. 23, 492—Ind. 254—Md. 208—Mich. 725—Minn. 231—N. J. 79, 105, 278—N. C. 213—Ohio 1134, 1382—Ore. 157—Pa. 585, 1031, 1173—Tenn. 35—Tex. 116—Wash. 261—Canada Ontario 446

WHITE & BAGLEY CO., THE

100 Foster St.—P. O. Box 1171
Worcester 8, Mass.
Phone: PL 5-6151
Cal. 208, 1031—Mich. 770—Mo. 488—N. J. 242—N. Y. 57, 299, 543—Ohio 287, 545, 1211—Canada Quebec 567—Ontario 145

WHITEHEAD STAMPING CO.

1661 W. LaFayette Blvd.
Detroit 16, Mich.
Phone: WO 2-1055
(Contact manufacturer direct)

WHITING CORP.

157th & Lathrop
Harvey, Ill.
Phone: ED 1-4000
Ala. 96—Cal. 881—Colo. 147—Ill. 799—Mass. 596—Mich. 81—Minn. 270—Mo. 623—Neb. 27—N. Y. 367,

1129—N. C. 139—Ohio 435, 981—Pa. 61, 1128—Tex. 401, 770—Utah 23—Wash. 300—Canada Ontario 443

WHITMAN & BARNES

40600 Plymouth Rd.
Plymouth, Mich.
Phone: GL 3-5000
(See advertisement p. 128)
Cal. 18, 23, 172, 294, 803, 841, 871, 888—Colo. 189—Conn. 361—Ga. 71—Ill. 8, 136, 577, 666, 800, 882, 1229, 1242—Ind. 363—Md. 14—Mass. 395—Mich. 96, 826, 1114, 1177, 1178—Minn. 105, 136—Neb. 45—N. J. 199, 269, 486—N. Y. 815, 1130, 1174, 1576—N. C. 231—Ohio 779, 1352—Pa. 52—Tex. 646, 771, 841—Wash. 4—Wis. 29

WHITNEY METAL TOOL CO.

110 Forbes St.
Rockford, Ill.
Phone: WO 2-5571
(Contact manufacturer direct)

WHITNEY MFG. CO., W. A.

636 Race St.
Rockford, Ill.
Phone: WO 4-6775
Cal. 262, 1308—Colo. 72—Conn. 92—Ill. 74, 1163—Ind. 254—Mich. 782, 829—Minn. 183—Mo. 95, 567—Ohio 319, 1099—Ore. 151—Pa. 980, 1281—Wash. 212—Wis. 239—Canada 255, 480

WHITTON MFG. CO., THE

Route 6 & New Britain Ave.
Farmington, Conn.
Phone: OR 7-2807
Cal. 638—Del. 5—Ga. 315—Ind. 148—La. 99—Mass. 540—Mich. 771, 804—N. J. 40, 179—N. Y. 69, 345, 502, 1370, 1561, 1611—Ohio 85, 487, 1022, 1331, 1533—Pa. 471, 792—Wis. 16—Canada 530

WHITON MACHINE CO., THE

190 Howard St.
New London, Conn.
Phone: GI 3-4374
Cal. 597—D. C. 38—Ill. 634—Mass. 440—Mich. 62—N. Y. 530—Ohio 1497—Pa. 485—Wis. 388

WICKES CORP., THE

Wickes Machine Tool Div.
515 N. Washington Ave.
Saginaw, Mich.
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Phone: LI 6-3737
Cal. 443, 1088, 1407, 1518—Ill. 74, 964, 1226—Kan. 125—Ky. 67—Md. 97—Mich. 122, 936—Minn. 124—Mo. 596—N. Y. 355, 818, 1377—Ohio 308, 565, 983, 1235—Pa. 337, 1056—Tenn. 213—Tex. 326, 762—Wash. 244—Wis. 482—Canada 431, 476

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97, 361—N. Y. 290, 655, 866, 942, 967, 1356, 1538—Ohio 621, 1184—Ore. 179—Pa. 1049—Tex. 239, 601—Wash. 259, 347—Wis. 323—Canada 83, 121, 351, 422, 597

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Tenn. 208

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Cal. 37, 454, 1121, 1304—Conn. 31, 169, Del. 15—Fla. 365—Ga. 282, 296—Ill. 422—Iowa 139—La. 98, 136, 167—Me. 5, 33—Md. 179—Mass. 63, 229, 359, 393, 457, 598, 693—Mich. 209, 1346—Minn. 79—Mo. 34—Mont. 12—N. H. 9—N. J. 196, 353, 429—N. M. 13—N. Y. 1135, 1522, 1672, 1674—N. C. 4—Ohio 366, 366, 1489—Okla. 37—Ore. 17—Pa. 355, 496, 937, 971—R. I. 75—S. C. 7—Tenn. 102—Tex. 384—Utah 107—Va. 34, 50—Wash. 69—Wis. 51, 53—Canada 547

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Phone: WO 1-9444
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Ariz. 119—Cal. 617—Conn. 177—Fla. 37—Ill. 96, 1148—Ind. 230, 406—La. 151—Mass. 525—Mich. 979—Minn. 67, 327—Mo. 487—N. J. 244—N. Y. 100, 279, 751—N. C. 39—Ohio 252, 766, 1070, 1389—Pa. 428—Tex. 330, 469—Wis. 94

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Phone: RI 3200
Ala. 31—Cal. 108, 210, 806, 1092, 1489—Colo. 187—Ill. 803, 929—Ind. 426, 511—La. 37—Mass. 286—Mich. 58—Minn. 126—Mo. 16—N. J. 502—N. Y. 49, 509, 1132, 1207, 1579—Ohio 1335—Okla. 177—Pa. 994, 1241—Tex. 180, 523—Wash. 233—Canada 266

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Cal. 482—Ill. 1056—Minn. 231—Mo. 227, 549—N. Y. 352—Ohio 387, 1088, 1275—Okla. 165—Ore. 44—Pa. 1068, 1231—Wash. 218—Wis. 337

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57—N. Y. 262—Pa. 521, 1083—
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311—Ill. 921—Kan. 28—La. 47—
Mass. 249—Mich. 810—Minn. 334
—N. Y. 53, 1436—Ohio 1305—
Okla. 88—Ore. 124—Pa. 750—
Tex. 62, 573—Wash. 179

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102—Mich. 1301—Minn. 296—Mo.
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81—Tex. 28—Wash. 268

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Ore. 138—S. C. 66—Wash. 164—
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114—Mich. 395, 862, 1034—Minn.
254—Mo. 433—N. Y. 48—Ohio
410, 781, 1593—Pa. 532, 1129—R. I.
56—Tex. 601—Wis. 405—Canada
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Phone: OR 4-2966
Ariz. 37, 122—Cal. 183, 480, 927,
1081, 1407, 1471—Conn. 114, 479
—Ill. 621—Iowa 130—Mich. 657,
1199—Minn. 255, 296—Mo. 50,
N. J. 113—N. M. 15—N. Y. 100,
1557—Ohio 841—Ore. 68—Pa.
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Ala. 45—Cal. 68, 1407—Colo. 80
—Conn. 239—Fla. 252—Ill. 992—
Mass. 391—Minn. 67—Mo. 488—
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141—Ohio 110—Pa. 1243—Tenn.
200—Wis. 174—Canada 601

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254—Ga. 55—Ill. 633, 983, 1115—
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Mich. 804, 821—Minn. 226—Mo.
45—N. J. 91, 179—N. Y. 48, 1337
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349—Ga. 6—Ill. 813—Iowa 18—
Mich. 788—Minn. 230—Mo. 125,
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378—N. C. 168—N. D. 8—Ohio
996, 1307, 1543—Pa. 755, 1139—
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Utah 92—Wash. 192—Wis. 438

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195—Mich. 394—Minn. 306—N. Y.
837, 1121—Ohio 1099, 1630—Okla.
24—Ore. 151—Pa. 1083, 1272, 1281
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813, 837, 1149, 1437, 1538—Colo.
52—Conn. 255—Fla. 104, 214, 356
—Ga. 151, 349—Hawaii 1, 18—
Ill. 915, 1088, 1222—Ind. 27, 355,
530—Iowa 115—Kan. 79—Ky. 40

—La. 65—Me. 31—Md. 151—
Mass. 465, 589—Mich. 789, 972,
1125, 1222—Minn. 273—Mo. 264,
485—Neb. 63—N. J. 214—N. M. 3
—N. Y. 29, 218, 615, 1297, 1524—
N. C. 36, 161—N. D. 16—Ohio
42, 443, 997, 1033, 1228, 1570—
Okla. 129—Ore. 161—Pa. 202,
285, 756, 1140—S. C. 40—Tenn.
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657—Utah 58—Va. 115—Wash.
183, 348, 364—W. Va. 14, 45, 52
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60—La. 85—Mass. 358—Mich. 118,
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—Ga. 339—Hawaii 22—Ill. 651
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1174—Mo. 115, 396—N. Y. 275,
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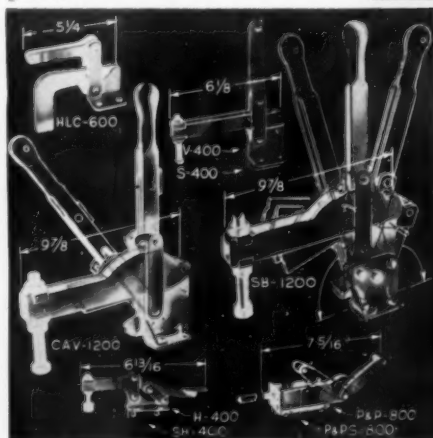
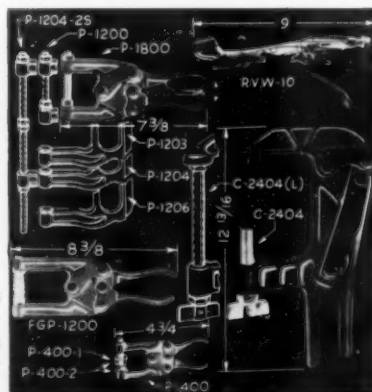
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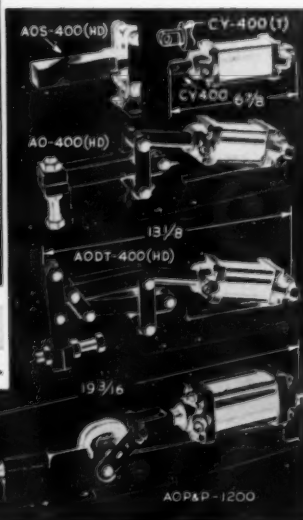
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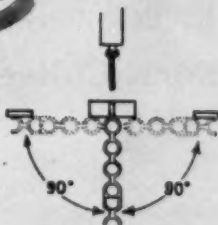
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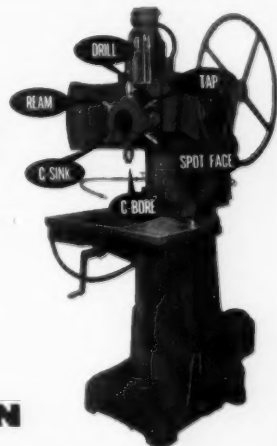
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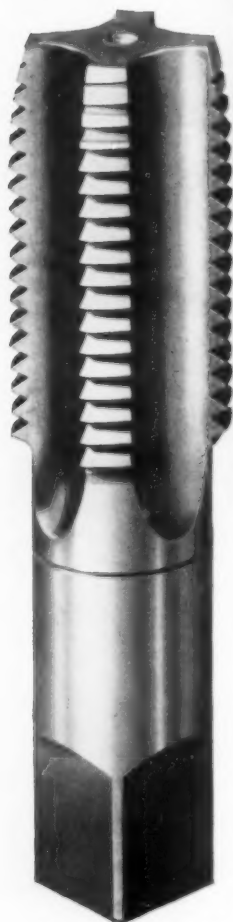
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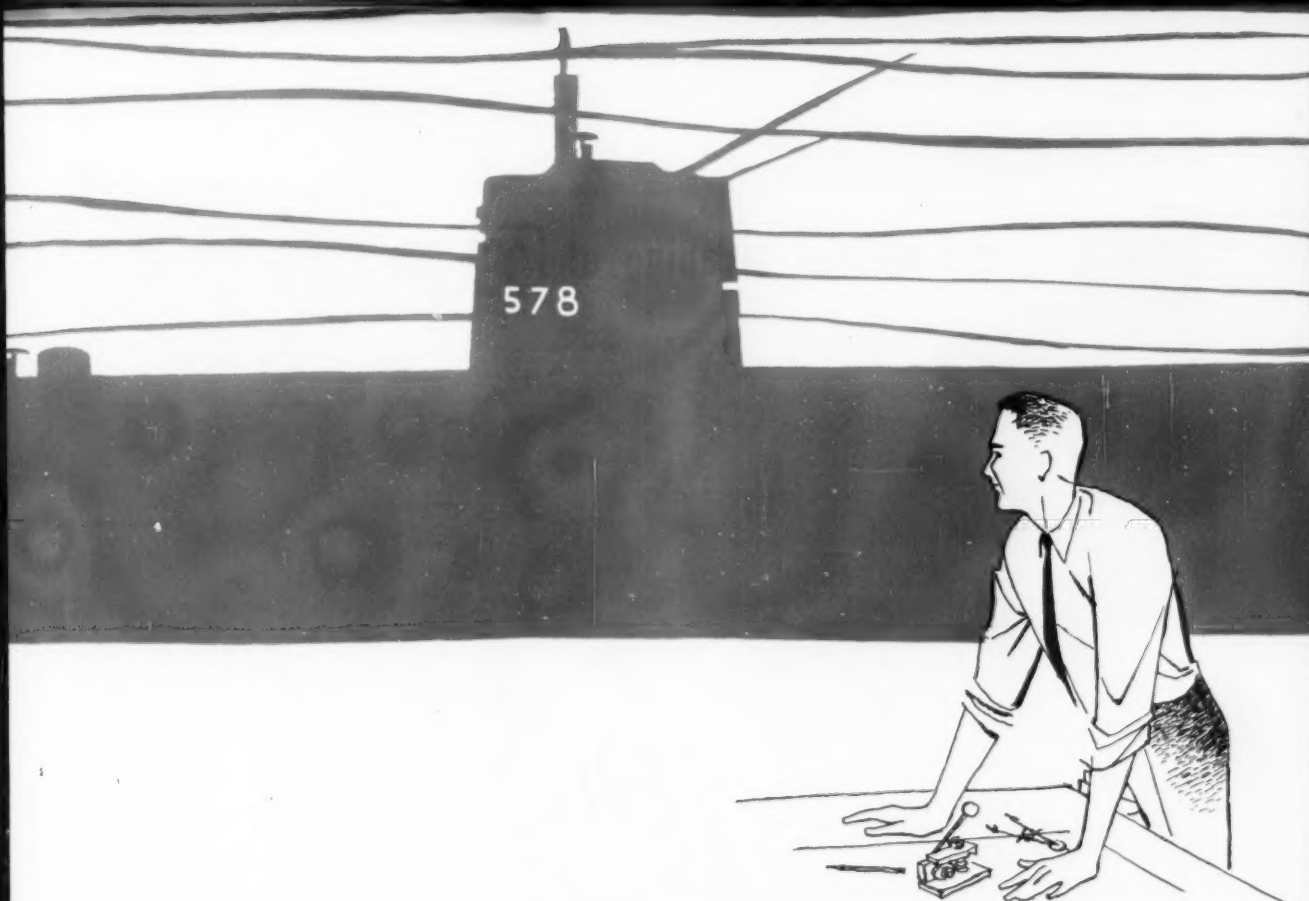
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DETROIT 27, MICHIGAN

Charter Members of the National Institute of Jig and Fixture Component Manufacturers



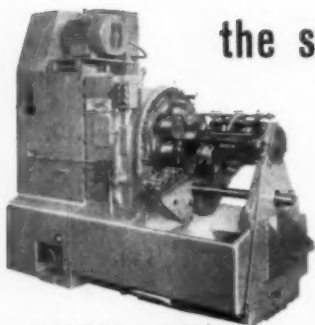
JIG AND FIXTURE COMPONENTS

Use Reader Service Card, CIRCLE 95

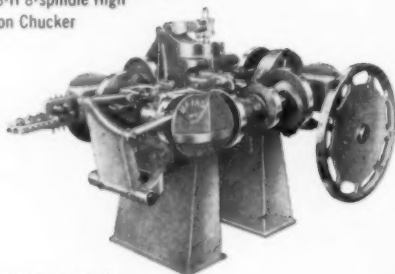
CATALOGUE AVAILABLE ON REQUEST

the special meaning of

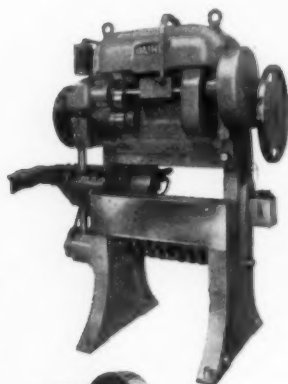
BAIRD



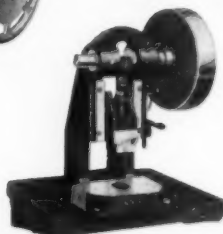
Model 78-H 8-spindle High Production Chucker



Baird Automatic 4-slide Wire Forming Machines



Baird Automatic Multiple Transfer Press



Baird High-Speed Precision Bench Presses



Model 84VC 4-spindle Vertical Continuous Lathe

Up Detroit way, in the automobile business, the name Baird has become synonymous with great chucking machines. You get the same quick recognition wherever major appliances are manufactured. Say, "Baird" to the folks in the wire and ribbon forming fields and they think of our production-proven four-slide units and multi-operation transfer presses.

Over the years, the name "Baird" has come to mean many types of machines to many people in many industries. Yet, there is a common denominator by which Baird is known in all the

businesses we serve. From pistons to paper clips . . . light bulb sockets to safety pins . . . wherever the problem is continuous, quality, high production, working with Baird has come to take on a special meaning.

Simply put, it's this. From our representatives' first call, right through sample work, tooling, quoting, delivery, installation and service . . . you can count on Baird coming through . . . always. Making good machines is only part of the special meaning of Baird. We make good friends, too.

BAIRD

THE BAIRD MACHINE COMPANY • 1700 Stratford Avenue • Stratford, Connecticut
Builders of High Production Machinery Since 1846

Bodine

CASE HISTORY NUMBER 52



First Cycle

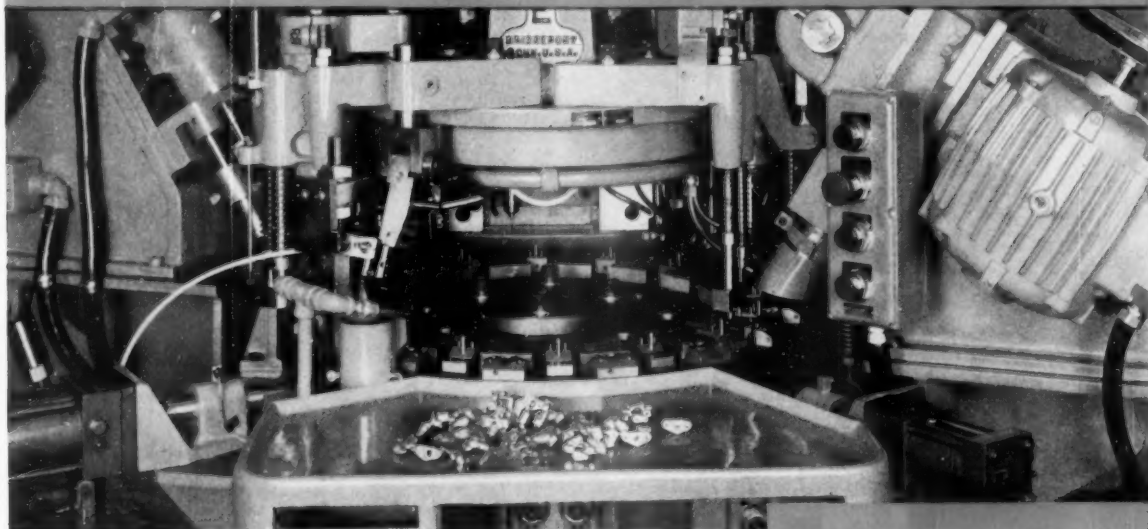
- End-mill flange at 60°
- Drill 2 holes, 2-spindle head, at 60°
- Tap 2 holes 10-24, 2-spindle head at 60°
- Core-drill and chamfer center hole, 0.250"
- Machine internal groove — Recessing tool

Ream Center hole 0.2495" - 0.2505"

Second Cycle

- Face with special end-mill. Two levels simultaneously.
- Hollow-mill and drill .0625" thru (drill inside cutter)
- Hollow-mill and drill .083" thru (drill inside cutter)
- Tap 4-40 hole

Manual load . . . auto eject.



A HALF-PRICE BARGAIN in streamlined production!

These small thermostat valve bodies are components of the automatic transmission units for new compact cars.

One of the world's largest makers of auto transmissions ordered the Bodine Basic Unit, equipped and tooled to perform 15 separate operations on the part in two consecutive, simultaneous work cycles . . . 8 operations on the first and 7 on the second, as shown in the above sketches.

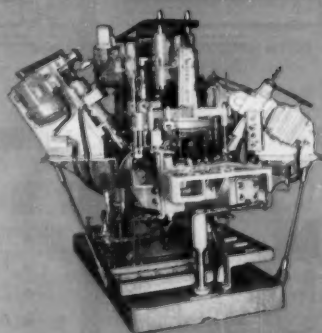
For this job, Bodine methods offered a number of important advantages not available in alternative proposals . . . including mechanical actuation, extremely flexible and versatile tooling, dependably close adherence to tolerances, compact design and low initial cost.

The Bodine 48-30 machine, in fact, is about one quarter the size of typical hydraulic or pneumatically controlled units. It was placed on the customer's production line at approximately one half the cost of such units. Being controlled from a single main shaft and cam system, operating adjustments are more easily made and maintenance is at a minimum. Famous Bodine ruggedness assures long-run economy.

There are very few jobs in this general category that cannot be handled to unusual advantage on such Bodine basic machines with our standardized tooling methods. Hence, before considering costly "specials" it will surely pay you to consult us. Send your prints or samples for study . . . without obligation . . . write Dept. TE-6 today.

Production: 500 pieces per 50-minute hour with machine running at 10 strokes per minute.

BOOTH NO. 828 The Machine Tool Exposition—1960



THE
Bodine
CORPORATION
BRIDGEPORT 5, CONNECTICUT

AUTOMATIC DIAL TYPE DRILLING, MILLING,
TAPPING, AND SCREW INSERTING MACHINES



June 15, 1960

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2BD60

305

olivetti

high-precision grinding machines
with hydraulic automatic infeed
for traverse grinding and plunge grinding
as standard equipment on all models.



3 types:

UNIVERSAL. Swivelling wheelhead, swing-down internal grinding attachment, infinitely variable speed headstock.

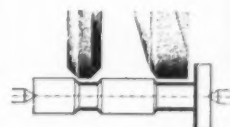
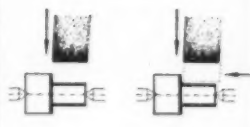
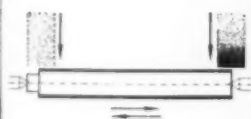
PRODUCTION. Larger grinding wheel, more horsepower, non-swivelling wheelhead, 8-speed headstock.

PLUNGE. Similar to production type but with axially oscillating wheelhead and hand table control only.

4 sizes:

10" to 18" swing and up to 84" between centers.

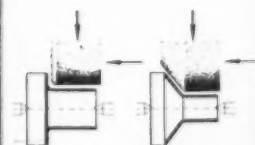
Model R4-500 U shown at left. Universal type, 10" swing, 24" center distance.

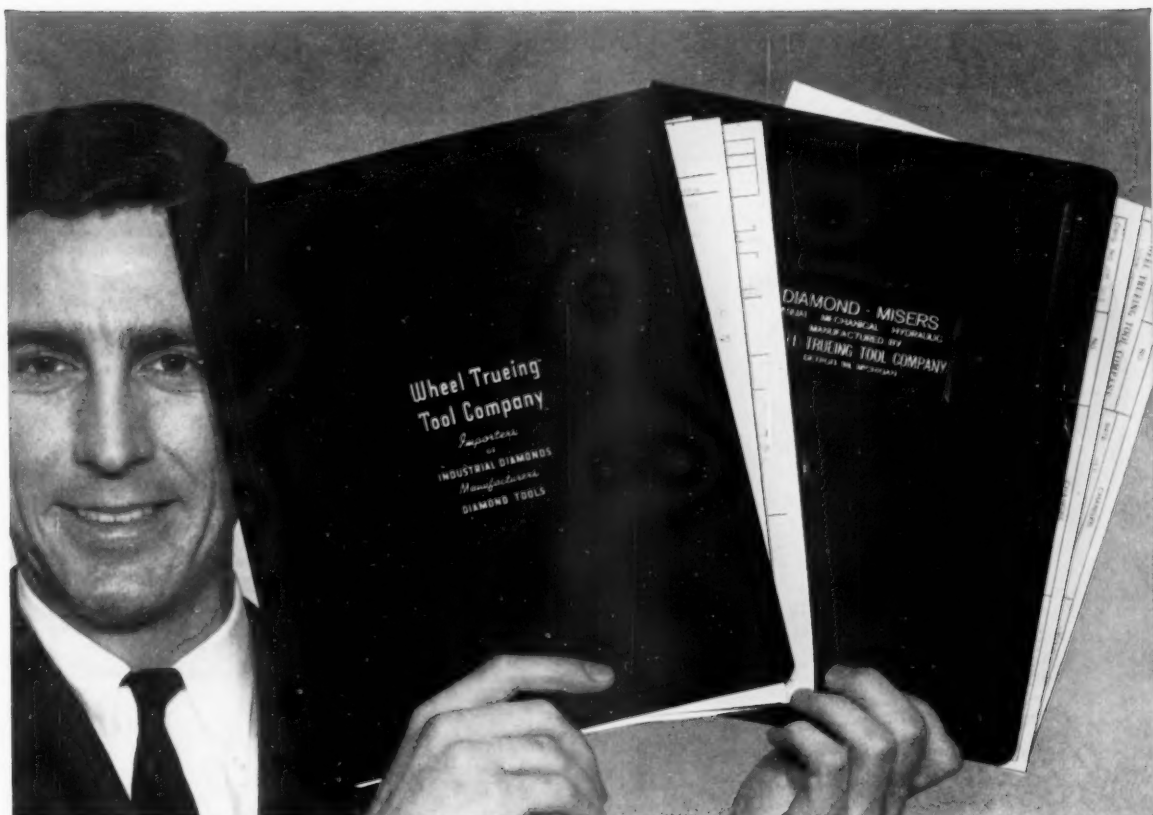


SOME STANDARD FEATURES OF OLIVETTI R4 UNIVERSAL GRINDERS:

- Infinitely variable hydraulically controlled table speeds
- Table reversals within $\pm .0002"$ as short as $1/16"$
- Table dwell 0 to 20 seconds
- Automatic precision infeed to $.000050"$, right, left or both ends of traverse
- Thumb jog for taking $.0001"$ cuts on diameter
- Separate automatic plunge feed 0 to $.002"/\text{second}$ to positive stop

For sales, service or information
write Olivetti Machine Tools,
42-33 Northern Boulevard,
Long Island City 1, New York
Or phone RAvenswood 1-7578.





EASY TO SAVE MONEY ON DIAMONDS...

when you have these free surveys to help you

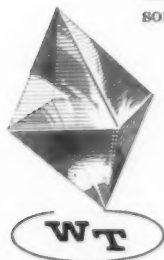
And, you can save plenty, too! Even in a plant where everybody right down the line has a proper respect for diamonds and handles diamond tools with almost loving care, there are often surprising savings to be made when you get together with the diamond engineer.

That's because diamond engineering is such a specialized job that only a specialist who has devoted years of his life to it can know how many ways there are to make savings. Sometimes the savings are quite easily come by as, for instance, when the diamond engineer recognizes a familiar problem and knows from experience that a modification in type of tool, or a change in type of diamond, or a somewhat different application will do the trick. And, sometimes the savings are dramatic.

But, it takes the know-how of the diamond engineer and his experience and many production problems to see the possibilities and write the formula for savings.

Our diamond engineers have been doing this for 50 years—much longer than anybody else; in fact, these men originated the diamond tool “engineered to its job—and guaranteed to do it.” And, the companies who use this service regularly to their profit are among the most successful in their fields.

Our diamond engineers will survey your diamond use and provide a money-saving recommendation without obligating you. If you're interested in cutting diamond costs, inventory, downtime, wheel costs, grinding costs, improving finish, etc., write us.



WHEEL TRUEING TOOL COMPANY

1910 SEMI-CENTENNIAL 1960

Main plant and office: 151-3200 W. DAVISON, DETROIT 38, MICHIGAN
 Southwestern plant: DALLAS, TEXAS • Western plant: LOS ANGELES, CALIFORNIA
 Eastern affiliate: WHEEL TRUEING TOOL COMPANY OF NEW JERSEY, BLOOMFIELD, N.J.
 Canadian plant: WHEEL TRUEING TOOL COMPANY OF CANADA, LTD., WINDSOR, ONT.



Oldest and largest diamond and diamond tool specialists in the Western Hemisphere

INDUSTRIAL DIAMONDS • DIAMOND TOOLS • DIAMOND-MISER TOOL TURNING DEVICES • MINING AND OIL
 FIELD DIAMOND DRILLS • MASONRY DIAMOND DRILLS AND SAWS • PORTABLE DRILLING MACHINES AND SAWS

June 15, 1960

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307



DRILLED WITH ELDORADO* GUN DRILLS

Examine any hole drilled with an ELDORADO GUN DRILL and you'll see a truly finished hole . . . straight, round and accurate. ELDORADO users consistently drill a great variety of holes, sizes and depths; through solids, blow-holes, hard spots and cross-holes. And, they're drilled in one single operation, to tolerances within tens-of-thousandths, in most materials.

If you are looking for a solution to your 'hole' problem, use an ELDORADO. You'll experience faster penetration, fewer rejects, more holes per grind, lower maintenance and labor costs.

Avail yourself of ELDORADO's experience and research facilities for solving 'hole' problems. Write today!

ORDER STOCK SIZES FOR IMMEDIATE SHIPMENT. TO SPECIFICATIONS, ON NORMAL DELIVERY.

MADE TO YOUR SPECIFICATIONS:		AVAILABLE FROM STOCK:	
Sizes	.1250" to 2" dia.	1/4" to 1/2" dia. in 64ths	1/2" to 3/4" dia. in 32nds
OA Lengths	4" to 120" with dia. limits	10", 16", 22", 36"	16", 22", 36"
Drivers	Std. or to fit your need	.750 dia. x 2 3/4" long	1" dia. x 2 3/4" long
Tips	Carbide	Carbide	Carbide

Now, order from stock, or send in your specifications for a prompt quotation.

Specializing 100% in Gun Drills and Related Tools.

ELDORADO TOOL & mfg. corp.

346 Boston Post Road • Milford, Conn.



* Trade Mark

*Cost
less...
are
better!*



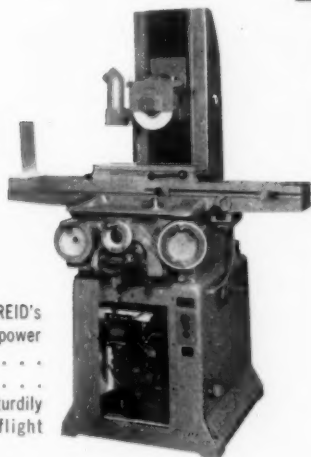
Literature on Gun Drills
and Gun Reamers,
Available.

PRECISION SURFACE GRINDING DEMANDS A PRECISION MACHINE TOOL

That's why industry relies on REID the first name in Surface Grinders for nearly 60 years.

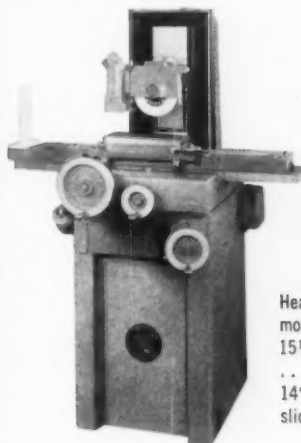
618 P

The "power" model in REID's popular 618 size with power table and cross-feed . . . automatic lubrication . . . convenient controls. Sturdily constructed for top-flight results.



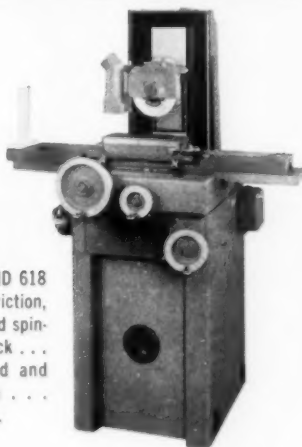
612

Heaviest 612 hand operated model in the industry . . . 15 1/4" work height (7" wheel) . . . one shot lubrication . . . 14" table travel . . . 7" cross slide travel.



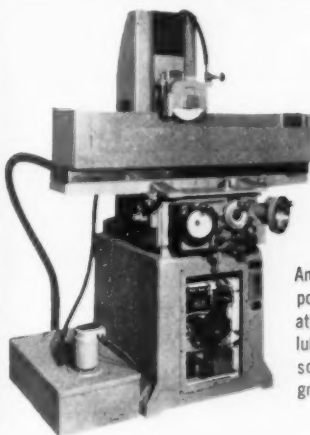
618 HA

The hand operated REID 618 . . . precision, anti-friction, belt-driven or motorized spindle . . . cross slide lock . . . complete underguard and dust guard protection . . . chrome plated screws.



618 PT

Another "work-horse" 618 . . . power table and hand operated cross feed . . . automatic lubrication . . . chrome plated screws (Shown with wet grinding attachment).



Before you buy, investigate the REID line . . . There should be a PRECISION REID in your future.

REID Surface Grinders can be furnished with such optional equipment as JIC, 110 Volt Controls, Chrome Ways and Motorized Spindle. Attachments for wet grinding, dust collection or cool grinding are also available.

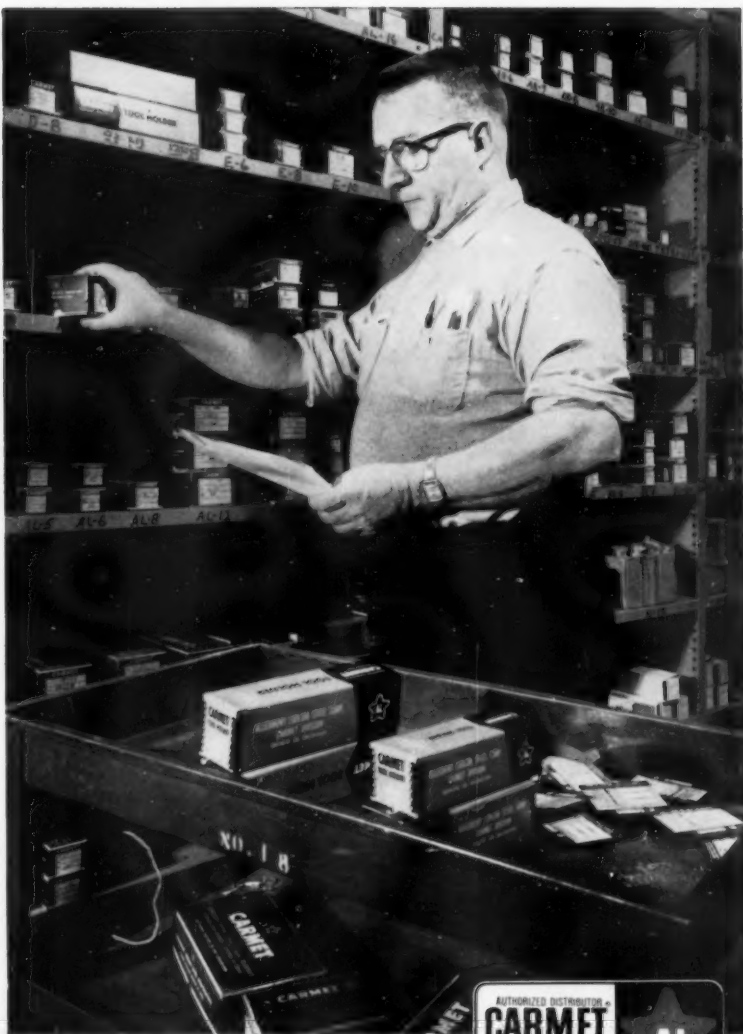


Manufacturers of precision surface grinders for production and toolroom needs

REID PRECISION SURFACE GRINDERS

REID BROTHERS COMPANY, INC. / 135B ELLIOTT ST. / BEVERLY, MASSACHUSETTS

Off-the-shelf
delivery of Carmet®
Carbide Tools from
your local
CARMET
Distributor



Over 75 distributors, coast to coast, display this sign—service in your own local area.



Keep your inventory of Carmet Carbide Tools at a comfortable level. Keep your working capital free for other needs. Your Carmet distributor carries the load—that's how he's set up to do business.

He carries your needs from the complete line of Carmet Carbide Tools in all grades and every style. He is geared to deliver your orders quickly—a phone call gets action.

And if you get in a production jam, special service is his middle name. Remember, your Carmet distributor knows carbide tooling—with the help of the local Carmet technical man, you get all the help you need.

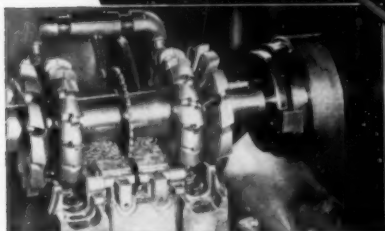
Your Carmet distributor handles the best Carbide Tools and backs it with the best service! *Allegheny Ludlum Steel Corporation, Carmet Division, Ferndale, Detroit 20, Michigan.*

CARMET® 
CEMENTED CARBIDE • DIVISION OF ALLEGHENY LUDLUM



1900

How *Brown & Sharpe* COMPLETE Cutting Tool Service Gives You EXTRAS!



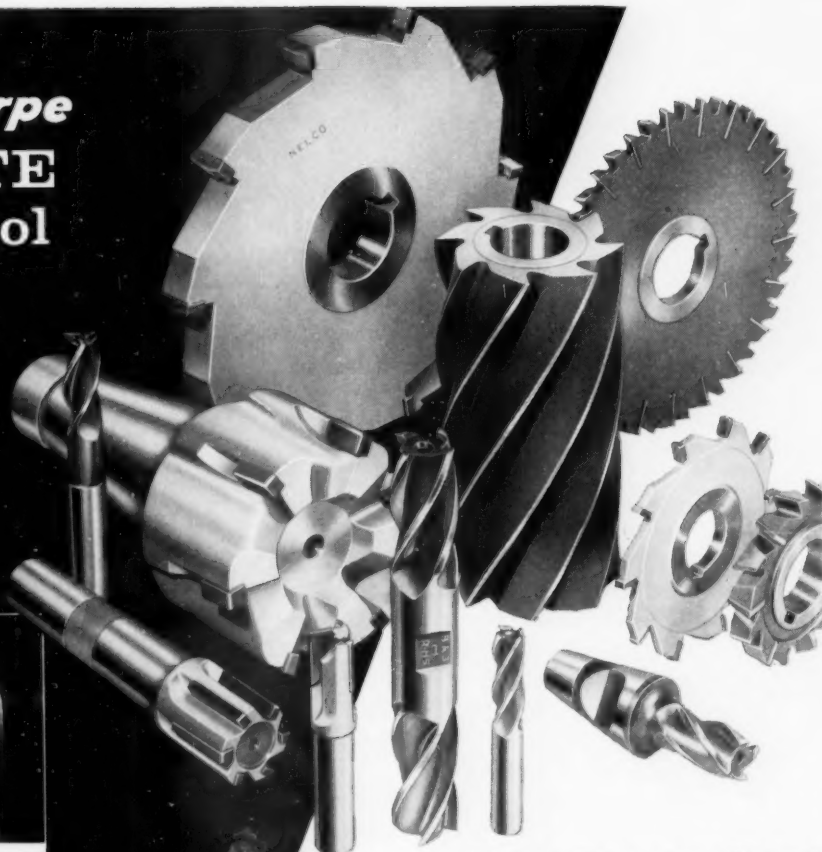
Brown & Sharpe experience in "Special" milling cutter design and engineering is the result of manufacturing millions of "specials" over the past 125 years.



Brown & Sharpe Cutter Service Shops, through Distributors, give on-the-spot resharpening, repair and modification service with speed and economy!



Brown & Sharpe offers a line of reusable, sturdy packages, easy to stock, easy to ship... excellent protection for the best in cutting tools!



Brown & Sharpe complete cutting tool service is available through dependable Industrial Distributors everywhere in Metalworking America!

Brown & Sharpe gives off-the-shelf service from the World's Largest Line of High Speed, Carbide and Carbide Tipped Milling Cutters!

Brown & Sharpe has experienced Cutting Tool Engineers available everywhere to solve tough production problems in your shop quickly, efficiently!



Brown & Sharpe has a NEW line of Cutting Tool Catalogs with complete Engineering Data. Information on every B&S Tool includes:

PRODUCTION USE MATERIALS TO BE CUT
TOOL FEATURES TOLERANCES TOOL DESIGN
Take the guesswork out of tool selection. Request your catalogs today... and, for EXTRAS, specify B&S Milling Cutters!

Brown & Sharpe

Brown & Sharp Mfg. Co.
Cutting Tool Division
Providence 1, R. I.

Presenting

The H. E. MORSE Co.

Cost-cutting Process Gage Line

LONGER LIFE

GREATER ACCURACY

GUARANTEED PERFORMANCE

LOWER COST

Ask For **HEMCO PROCESS GAGES**

200% to 400% more life wear than steel gages

Approximately same cost as plain steel gages

Gaging costs cut 60% or more

No lapping or grinding after HEMCO Process is applied

HEMCO Chrome-hardness is 69 to 72 Rockwell C

Unconditionally guaranteed not to chip or peel

Try Them . . .

*Let Them Write Their Own
Performance Ticket For You*

If you have unusual gaging problems, ask us to help
on design and quotations.

DISTRIBUTORS: Some fine territories are open. Why
not write for information?

THE H. E. MORSE CO.
455 DOUGLAS ROAD EXPORT 6-4604 HOLLAND, MICH.






SALES OFFICES

One of the primary features of this directory, and one which makes it of greatest use to tool and manufacturing engineers, is the geographical listing of local sources for tool engineering products. This list includes manufacturers' branch offices, distributors, agents, supply houses and representatives.

This section is arranged according to state, from Alabama to Wyoming, followed by Canadian listings. Within each state, the sales offices are listed by city. Within each city, companies are arranged alphabetically.

The sequential numbers which precede each listing, together with the state, provide the key by which these sales offices are identified in the manufacturers (blue) section.

The user of this directory will soon become familiar with the range of key numbers which identify the sales offices in his locality. He will then be able to tell at a glance in the preceding section whether or not a given manufacturer is represented in his city.



SALES OFFICES

ALABAMA

ANNISTON

1. Industrial Supply & Equip. Co. Inc.
P. O. Box 832
Phone: AD 7-3585
2. Rowell Supply Co., Alex
521 W. 23rd St.
P. O. Box 946
Phone: AD 7-7588
3. Southern Tool & Machine Co.
P. O. Box 1059
Phone: AD 6-7123
4. Tornado Supply Co.
306 W. 15th St.
P. O. Box 910
Phone: AD 7-1771

BESSEMER

5. Industrial Piping Supply Corp.
705 N. 22nd St.
P. O. Box 509
Phone: HA 8-1211

BIRMINGHAM

6. Abrasive & Tooling Specialists Inc.
4245 Morris Ave. (9)
Phone: LY 2-4381
7. Activation Inc.
Corner Lomb & Fayette St.
P. O. Box 3897
Phone: ST 1-3651
8. Air & Hydraulics Engrg. Inc.
3017 6th Ave., S. (6)
P. O. Box 3065
Phone: AL 2-6101
9. Alemite Co. of Ala. Inc.
516 N. 9th St.
10. Allegheny Ludlum Steel Corp.
3515 3rd Ave., S. (1)
P. O. Box 1688
Phone: FA 2-0548
11. Allis Co., The Louis
2201 Highland Ave., S. (5)
Phone: FA 4-5501
12. Aluminum Co. of Amer.
10 Office Park, Mountain Brook (2)
P. O. Box 2041
13. Andress-Mouat & Assoc. Inc.
112 S. 50th St. (12)
P. O. Box 3166
Phone: WO 1-0541
14. Bellows-Valvair
1906 9th Ave., S. (5)
Phone: FA 4-5273
15. Benedict & Boggs Co.
715 S. 21st St.
Phone: FA 3-6151
16. Bennett, William E.
1422 47th St., W.
Bellview Heights (8)
Phone: ST 8-1659
17. Birmingham Saw Works
2614 2nd Ave. (3)
18. Blackwell, Wm. C.
4225 Caldwell Mill Rd. (13)
Phone: TR 9-3871
19. Brewer, T. L.
3813 N. 1st Ave. (12)
Phone: LY 2-4253
20. Bristol Co., The
1021 Corner Bldg. (3)
Phone: AL 1-0034
21. Brownlee-Morrow Engrg. Co.
745 N. 44th St.
Phone: LY 2-8143, 2-7049
22. Brungart Equip. Co. Inc.
521 4th Ave., N.
Phone: FA 4-8527
23. Century Electric Co.
130 Finley Ave., W. (1)
P. O. Box 1711
Phone: FA 2-1181
24. Chicago Pneumatic Tool Co.
810 5th Ave., N. (4)
Phone: FA 2-8514
25. Clark Controller Co., The
1747 Reese St. (9)
Phone: TR 9-3457 - 58
26. Cisco Air Tools - Warehouse
112 S. 14th St.
Phone: FA 2-1802
27. Cleveland Tramrail Birmingham Co.
113 N. 9th St. (4)
Phone: AL 2-5104
28. Consolidated Amer. Machinery of Fla. Inc.
1825A 28th Ave., S. (9)
Phone: TR 9-2471
29. Consolidated Engrg. Co. of Ala.
P. O. Box 8011 (9)
Phone: TR 9-1831
30. Construction Equip. Co.
2921 2nd Ave., S. (1)
Phone: FA 4-3417
31. Cowden, David P.
3401 Waverly Dr. (9)
Phone: TR 9-7838
32. Cutler-Hammer Inc.
323 Oxmoor Rd. (9)
Phone: TR 1-1166
33. DeShazo & Assoc. Inc.
Lomb & Lafayette Ave. (8)
P. O. Box 3897
Phone: ST 1-3651
34. Dixie Bronze Co.
P. O. Box 1148
Phone: FA 4-4588
35. Dixie Industrial Equip. Co. Inc.
333 2nd Ave., N.
36. Dixie Type & Supply Co.
930 N. 6th Ave. (1)
Phone: FA 4-2587
37. Dixon Supply Co.
3104 4th Ave., S. (5)
Phone: FA 4-4687
38. DoAll Gulf Co.
800 N. 24th St. (4)
Phone: AL 1-0502
39. Ebbert & Kirkman Co. Inc.
2313 6th Ave., S. (3)
Phone: AL 1-9174
40. Edwards Co. Inc., G. S.
1920 28th Ave., S. (9)
Phone: TR 1-0251, 9-1633
41. Elliott Co., B. K.
3106 Park Ave., SW.
Phone: FA 4-4439
42. Equip. Service Co.
617 N. 9th St. (4)
Phone: FA 4-4439
43. Evans Engrg. Co., F. J.
800 S. 27th St., Box 1509
Phone: FA 2-7731
44. Firth Sterling Inc.
1824 Huntsville Rd. (1)
Phone: FA 4-0627
45. Ford Tool & Carbide Co.
3716 10th Ave., N. (4)
Phone: WO 1-6193
46. Gardner-Denver Co.
716 N. 9th St. (4)
Phone: FA 2-8711
47. Garlock Packing Co., The
519 S. 19th St. (3)
Phone: FA 4-7666
48. Gauggel Engrg. Co.
767 Euclid Circle
P. O. Box 9065
Phone: TR 1-8443
49. General Combustion Co.
652 Brown Marx Bldg. (3)
Phone: FA 4-6863
50. General Electric Co.
1804 7th Ave., N. (2)
P. O. Box 2602
51. Gibbs Co., W. C.
Route 2, Box 487B (5)
Phone: TR 9-3701
52. Gooch & Assoc., D. B.
5018 1st Ave., N.
Phone: LY 2-8191
53. Halliday Co. Inc., Alfred
113 N. 9th
Box 7467
Phone: FA 2-2896
54. Hallman, Ed.
1833 Indiana Hill Rd. (9)
55. Removed
56. Harnischfeger Corp.
1629 Vanderbilt Rd. (4)
Phone: AL 2-8147
57. Harrelson Co., R. F.
2805 19th Pl., S. (9)
Phone: TR 1-8204
58. Hayden Engrg. Sales Co.
210 Hollywood Blvd. (9)
Phone: TR 1-0637
59. Hewitt-Robins
3118 3rd Ave., S.
Phone: FA 2-8763

BIRMINGHAM (cont.)

60. Hill & Griffith Co., The
2929-37 7th Ave., N. (1)
61. Hinkle Supply Co. Inc.
2923 5th Ave., S. (1)
P. O. Box #831
Phone: FA 2-4541
62. Hoe & Co. Inc., R.
2917 Lomb Ave. (11)
Phone: ST 6-5261
63. Hooper Co., A. W.
5243-45 S. 5th Ave. (6)
Phone: LY 2-5451
64. Howarth Co. Inc., J. L.
625 S. 22nd St. (5)
Phone: FA 3-1171
65. I-T-E
701 S. 37th St. (12)
Phone: FA 4-7585
66. Industrial Dynamics Co.
2822 5th Ave., S. (5)
Phone: FA 1-2602
67. Industrial Products Co.
2805 1/2 Cahaba Rd.
P. O. Box 7463
Phone: TR 1-1611
68. Ingersoll-Rand Co.
1700 3rd Ave., S. (3)
Phone: FA 3-2576
69. J & W Metals Inc.
3401 36th St., N.
P. O. Box 1890
Phone: VI 1-6721
70. Jessop Steel Co.
407-408 Brown-Marx Bldg. (3)
Phone: FA 2-4656-57
71. Kinard, T. Ed.
2160 Ivy Lane
Phone: TR 9-1208
72. Lamson & Sessions Co., The
3103 27th Ave., N. (1)
Phone: FA 2-4691
73. Lanham, Clyde
4029 Fairmont Way, N. (7)
Phone: FA 2-5211
74. Lincoln Electric Co., The
113 N. 9th St. (4)
Phone: AL 2-8131
75. Linde Co.
2900 Cahaba Rd. (9)
76. Logan Co.
9820 Virginia Dr.
Phone: VE 6-2664
77. Long-Lewis Hardware Co.
430 N. 9th
P. O. Box 2653
Phone: FA 2-2561
78. Lux Lighting
609 N. 21st
79. MG Electrical Equip. Co.
205 S. 18th St. (3)
Phone: FA 2-0449
80. Mabry, George O.
3606 6th Ave., S. (1)
P. O. Box 568
Phone: LY 2-7213
81. Mac-It Parts Co.
2814 Petticoat Lane (13)
Phone: TR 1-5418
82. Mance, Michael
333 2nd Ave., N.
Phone: FA 3-8765
83. McConnell Sales & Engrg. Co.
1661 28th Ave., S. (9)
P. O. Box 5825
Phone: TR 1-3501
84. McMillan, P. C.
416 Dalton Dr.
Phone: FA 2-1892
85. McVoy-Hausman Co.
2025 7th Ave., N. (3)
Phone: AL 1-8271
86. Meriwether Inc., George M.
1712 7th Ave., N. (4)
Phone: FA 4-2456
87. Mill & Mine Supply Co. Inc.
124 S. 20th St. (3)
Phone: FA 2-4508
88. Mill & Textile Supply Co. Inc.
3130 3rd Ave., S. (1)
P. O. Box #1409
Phone: AL 1-8187
89. Miller Electric Mfg. Co. Inc.
121 Rose Dr. (13)
Phone: VE 3-1175
90. Miller Fluid Power Div.
1925 29th Ave., S.
Phone: TR 9-6601
91. Miller, Gordon
P. O. Box 7681 (13)
Phone: TR 9-9045
92. Modern Machinery Assoc. Inc.
1824 29th Ave., S. (9)
Phone: TR 9-1644
93. Moffatt Bearings Co.
700 3rd Ave., N. (4)
P. O. Box 775
Phone: FA 3-2591
94. Moore-Handley Hardware Co. Inc.
27 S. 20th St. (2)
Phone: AL 2-4121
95. Morrow Engrg. Co., S. L.
113 N. 9th St. (4)
Phone: AL 2-5104
96. Mout Co., Harry G.
544 American Life Bldg. (3)
Phone: FA 2-3394
97. Nelson Stud Welding Div.
308 N. 26th St. (3)
Phone: FA 2-3481
98. Noland Co. Inc.
2204 1st Ave., S. (1)
Phone: AL 2-2176
99. Oakite Products Inc.
P. O. Box 1435 (1)
Phone: TR 9-1003
100. Ohio Crankshaft Co., The
P. O. Box 3405 (5)
Phone: FA 4-1615
101. Ohio Seamless Tube
1700 Huntsville Rd. (1)
Phone: AL 1-8385
102. O'Neal Steel Inc.
745 N. 41st St.
P. O. Box 2623
Phone: WO 1-0511
103. Owen-Richards Inc.
824 N. 31st St. (4)
Phone: FA 2-3611
104. Palmer & Lawrence
3118 Clairmont Ave.
Phone: FA 3-1543
105. Pansborn Corp.
1731C Valley Ave. (9)
Phone: TR 9-4921
106. Pannier Corp., The
529 N. 18th St.
Phone: FA 4-1615
107. Pate Supply Co.
2215 1st Ave., S. (1)
P. O. Box 1489
108. Pond Lift Trucks Co.
1723 Lomb Ave., W.
Phone: ST 6-5276
109. Porter Co. Inc., H. K.
5000 Powel Ave. (2)
Phone: WO 1-3711
110. Post Welding Supply Co.
1300 7th Ave., N. (1)
P. O. Box 2111
Phone: FA 2-8604
111. Power Transmission Equip. Co.
2609 N. 2nd Ave. (3)
Phone: FA 2-2655
112. Pratt & Whitney Co. Inc.
2837 Cahaba Rd. (13)
P. O. Box 7525
Phone: TR 1-0482
113. Precision Grinding Wheel Co. Inc.
130 Finley Ave., W., Room 112 (4)
Phone: FA 4-2102
114. Quinn, McKeel & Quinn
2837 Cahaba Rd. (13)
P. O. Box 7525
Phone: TR 1-0321
115. Rediker-Middleton Assoc.
1907 Cahaba Rd., S. (13)
P. O. Box 7405
Phone: TR 9-2417
- 115A. Reliance Electric & Engrg. Co.
2830 S. 19th St., Suite 4
Phone: TR 1-1149
116. Republic Steel Corp.
8 Office Park, Mountain Brook (9)
Phone: TR 9-9471
117. Reynolds Metals Co.
1435 Brown-Marx Bldg.
Phone: AL 1-8363

SALES OFFICES

ALABAMA

SELMA
208. Selma Foundry & Machine Co.
P. O. Box 682
Phone: TR 4-4621

SYLACAUGA
209. Wapakoneta Machine Co.,
The
P. O. Box 808

TRUSSVILLE
210. Reich Co., Harry
Phone: GL 4-2121
211. Wentzel Tool Co.
Railroad Ave.
Phone: TR 3951

TUSCALOOSA
212. Dixie Steel & Supply Co.
Inc.
916 19th Ave., E.
213. Reichhold Chemicals Inc.
Phone: FL 2-2531

ALASKA

ANCHORAGE
1. Alaska Welding Supplies
Inc.
P. O. Box 677
2. Bashaw Equip. Co. Inc.
P. O. Box 1999
Phone: 3-8703
3. Bearing Engrg. Co. of Alaska
620 "C" St.
4. Northern Supply Co.
P. O. Box 439
Phone: GR 135

FAIRBANKS
5. Miller & Bentley - Bashaw
Equip. Co.
P. O. Box 1940
Phone: 2695

ARIZONA

FLAGSTAFF
1. Ariz. Welding
2. Dye Oxygen Co.
Hwy. 66, E.
P. O. Box 627
3. Semon Industrial & Welding
Supply Co.
P. O. Box 1487
Phone: PR 4-3281

GLENDAL
4. Semon Bearing & Supply
Co.

PHOENIX
5. Ace Photocopy
343 N. 1st Ave.
Phone: AL 8-1509
6. Adroit Supply Co.
629 W. Adams St.
Phone: AL 8-4241
7. Air Automation Machine
Supply
3720 W. Clarendon
P. O. Box 11042
Phone: AP 3-7695
8. Air-Draulics Co.
3135 N. 29th Ave.
P. O. Box 11278
Phone: AL 8-8441
9. Aitken, John
7613 N. 17th Dr.
Phone: WI 3-6311
10. Alemitte Stewart-Warner
Co. of Ariz. Inc.
326 N. 3rd Ave.
P. O. Box 2325
11. Allied Plastic Supplies Inc.
2715 W. Cheery Lynn
12. Ariz. Abrasives & Supply
Co.
2118 E. Washington
Phone: AL 4-4759
13. Ariz. Hardware Co.
1st & Jackson Sts.
14. Ariz. Machine Tool Sales
1840 Grand Ave.
15. Ariz. Rubber Stamp Co.
815 N. 2nd St.

BIRMINGHAM (cont.)

118. Richardson Machine Co.
2421 2nd Ave., S. (5)
119. Rooney, J. M.
P. O. Box #5027 (9)
120. Roper, Earl
4721 Court St. (8)
121. Rushton Equip. Corp.
Cor. Lomb Blvd. &
Alabama Ave. (7)
Phone: ST 6-3214
122. SKF Industries Inc.
412 S. 41st St. (6)
Phone: LY 2-0388
123. Sargent & Co., E. H.
P. O. Box 1550 (4)
124. Schreiber & Assoc., Joseph
P. O. Box 5701 (9)
125. Scott & Assoc.
1716 Lomb Ave. (8)
Phone: ST 5-1179
126. Scott Supply Co.
1716 Lomb Ave. (8)
127. Selbert, Philip
P. O. Box 9176 (13)
Phone: AL 2-5153
128. Shook & Fletcher Supply Co.
1814 1st Ave., N. (2)
Phone: FA 2-6722
129. Shop Supply Co.
2320 1/2 S. 18th St. (9)
Phone: TR 9-0541
130. Sinclair Refining Co.
P. O. Box 37, Powderly
Station (11)
131. Sitz, W. P.
441 Pinellas St.
Roebuck Hills
Phone: VE 3-2811
132. Sivert, J. F.
5960 Crestwood
Circle (12)
133. Skaggs, T. D.
3603 6th Ave., S. (6)
Phone: LY 2-9541
134. SKIL Corp.
806 N. 5th Ave. (4)
Phone: FA 2-6202
135. Snap-on Tools Corp.
810A 5th Ave., N. (4)
Phone: FA 2-8781
136. Southern Engineers Inc.
Box 6637
Phone: WO 1-3758
137. Specialized Electronics
P. O. Box 3385 (5)
138. Sperry Products Co.
1929 Cahaba Rd. (9)
Phone: TR 9-0061
139. Standard Oil Co.
801 6th Ave., S.
Phone: FA 4-7561
140. Stoelker Equip. Co. Inc.
913-915 N. 7th Ave.
P. O. Box 550
Phone: FA 2-5451
141. Syntro Birmingham Sales
Co.
2117 Lester Lane (9)
Phone: TR 9-4914
142. Thomas Engineers
P. O. Box #7651 (13)
Phone: TR 9-3830
143. Thor Power Tool Co.
713 Graymont Ave., N.
(4)
Phone: FA 2-8797
144. Timken Roller Bearing Co.,
The
10 Office Park Circle (9)
P. O. Box #2450
Phone: TR 1-5172
145. Tool Engrg. Service
921 N. 21st St.
Phone: FA 4-4694
146. Tull Metal & Supply Co.
Inc., J. M.
1301 25th Ave., N. (1)
Phone: FA 3-1612
147. U. S. Gypsum Co.
1747 Reese St.
Phone: TR 1-0301
148. Wall Colmonoy Corp.
615 N. 9th St. (4)
Phone: AL 2-1041
149. Waste Control Inc.
P. O. Drawer 7465 (13)
Phone: TR 1-5507
150. Watts Engrg. Sales
1741 Reese St. (9)
Phone: TR 1-4675

151. Welding Alloys and Supply
Co.
915 N. 7th Ave. (4)
Phone: FA 2-6631
152. Wheelock & Assoc., Chas. F.
205 S. 32nd St. (5)
Phone: FA 2-6283
153. Wheelock Co., Geo. F.
3017-3025 2nd Ave. (5)
154. Wilcox & Allen Co.
900 S. 27th St. (5)
P. O. Box 1124
Phone: AL 1-0271
155. Williams Co., Herman
3601 10th Ave. (4)
P. O. Box 1204
Phone: FA 2-0377
156. Wimberly & Thomas Hard-
ware Co.
1809 1st Ave., S. (2)
Phone: FA 2-4661
157. Young, Robert T.
1849 Glendmere Dr. (9)
158. Young & Vann Supply Co.,
The
1725-1731 1st Ave., N. (2)
P. O. Box #2532
Phone: AL 2-5161

CULLMAN

159. Cullman Supply Co.

DECATUR

160. H. & H. Supply Co. Inc.
158 1st Ave., NE.
P. O. Box 2057
Phone: EL 3-5621
161. Noland Co. Inc.
305 Lee St.
Phone: EL 3-2061

DOTHAN

162. Dothan Hardware & Supply
Co.
111 St. Andrews St.

FAIRFIELD

163. Tenn. Coal and Iron Div.
U. S. Steel Corp.
P. O. Box 599

FLORENCE

164. Braeburn Alloy Steel Corp.
1505 Huntsville Rd.
Phone: 671

GADSDEN

165. Noland Co.
9th & Gardner St.
166. Williamson Co., Ray
P. O. Box 28
Phone: LI 6-9340

HOMESWOOD

167. Brooks Supply Co. Inc.
P. O. Box 5725
Phone: 2-7418

HUNTSVILLE

168. Attaway Co., Roy
912 Bob Wallace Ave., SW.
Phone: JE 2-2811
169. Hopper Hardware & Mill
Supply Inc.
300 Madison St.
Phone: JE 2-8444

LANETT

170. Cowan, A. M.
1805 N. 10th Ave.
Phone: LA 2-2841

LOCKHART

171. Merit Metal Products
Phone: 8-5050

MOBILE

172. Abbott, Gardner B.
Route 4, Box 470A
173. Bearings & Transmission
Supply Co.
901 Congress St.
Phone: HE 8-3591
174. Bruckmann & Co.
O'Gwynn Bldg.
Phone: HE 3-8886
175. Construction Equip. Co.
762 Holcombe Ave.
Phone: GR 1-1514
176. Ebbert & Kirkman Co. Inc.
2766 Briarwood Dr.
P. O. Box 6243, Loop
Station
Phone: GR 1-3871

ELM EQUIP. CO.

256 N. Washington Ave.
Phone: HE 3-3608

GENERAL ELECTRIC CO.

704 Government St.

GREGORY-SALISBURY & CO.

P. O. Box 4582

GULF COAST MARINE SUPPLY CO.

199 S. Royal

GULF ENGINE & EQUIP. CO.

365 N. Royal St.

HARTMAN CO., ROY W.

31 W. Chadwick Dr.

KENNEDY MARINE ENGINE CO. INC.

25 S. Water St. at Conti

MADER BEARING SUPPLY

56-158 N. Cedar St. (10)

MAY SUPPLY CO.

Royal & Congress Sts.

McGOWIN-LYONS HARDWARE & SUPPLY CO.

113-125 N. Water St. (7)

MOBILE ELEVATOR CO. INC.

105 Madison St. (5)

MOORE-HANDLEY HARDWARE CO. INC.

401 N. Water St. (16)

OCEANIC SUPPLY CO. INC.

258 Glenwood

QUACKENBUSH INDUSTRIAL EQUIP., HENRY

200 Ridgewood Pl.

STANDARD EQUIP. CO.

75 Beauregard

TURNER SUPPLY CO.

250 N. Royal St. (8)

VAN HORN CO. INC., OLIVER H.

111 Beauregard St.

ALIA. MACHINERY & SUPPLY CO.

110-118 Coosa St.

BROOK, JR., ROSCOE H.

P. O. Box 2645,

MILLER FLUID POWER DIV.

422 Nottingham

MOBILE ELEVATOR CO. INC.

934 S. McDonough St. (5)

MONTGOMERY WELDING SUPPLY CO.

P. O. Box 1205

NOLAND CO. INC.

217 Perry St.

NUNN'S BATTERY & ELECTRIC CO.

Corner Bell & Catoma

OAKITE PRODUCTS INC.

326 N. Anton Dr. (8)

TEAGUE HARDWARE CO.

P. O. Box 240 (1)

WAMBIE SALES CO., FRED U.

3867 Sherwood Dr. (9)

WELDERS SUPPLY & EQUIP. CO.

17 Railroad St.

SALES OFFICES

ARIZONA

PHOENIX (cont.)

18. Ariz. Tool & Supply Co.
415 S. 7th St.
17. Ariz. Tool & Supply Co.
3125 N. 29th Ave.
18. Ariz. Welding Equip. Co.
415 S. 7th St.
P. O. Box 352
Phone: AL 8-2653
19. Arrow Valve Corp.
917 W. Madison St.
Phone: AL 4-7294
20. Austin-Pruden Co.
537 W. Rose Lane
Phone: CR 7-2151
21. Bellows-Valve
4420 Transmission
Phone: WO 7-1051
22. Bergen-Harr Equip. Co.
Inc.
342 N. 16th St.
P. O. Box 12157
Phone: AL 2-5597
23. Bethlehem Steel Co.
Bank of Douglas Bldg.
3404 N. Central Ave.
Phone: CR 7-4534
24. Black, James L.
716 E. Desert Park Lane
25. Boland Co., Earl
816 E. Van Buren
Phone: AL 8-0406
26. Braun Chemical Co.
2930 W. Osborn Rd.
P. O. Box 1413
27. Carrier Corp.
3500 N. Central Ave.
Phone: CR 7-4407
28. Circle Sales Co.
9151 N. 9th Ave.
Phone: WI 3-5312
29. Combustion Equip. Co.
2401 E. Elm St.
Phone: CR 4-4363
30. Complete Industrial Supply Co.
501 W. Van Buren
Phone: AL 3-2524
31. Cone & Wallace Co.
1325 S. 26th St.
Phone: BR 5-4496
32. Consolidated Welding Supply Co.
747 Grand Ave.
33. Copper State Machinery Co.
2927 E. McDowell Rd.
Phone: BR 5-9022
34. Coulson Co., Roy E.
8090 N. 3rd Ave.
P. O. Box 9215
Phone: WI 3-8935
35. Cutler-Hammer Inc.
4562 Calle Ventura
Phone: WH 6-0581
36. Davis, Floyd O.
2326 E. Henshaw
Phone: BR 5-2340
37. DiEugenio Tool Center Inc.
119 S. 11th Ave.
P. O. Box 563
Phone: AL 2-4746
38. Dow Machine Tool Co.
3301 E. Washington St.
Phone: BR 5-9031
39. Ducommun Metals & Supply Co.
301 S. 26th St.
P. O. Box 2225
Phone: BR 5-4471
40. Dye Oxygen Co.
3332 W. McDowell Rd.
Phone: AP 8-3531
41. Elgin National Watch Co.
Abrasives Div.
729 W. Buchanan
42. Equip. Sales Co.
720 S. 19th Ave.
Phone: AL 8-7151
43. Eutectic Welding Alloys Co.
of Ariz. Inc.
1402-1414 S. 7th St.
Phone: AL 3-0900
44. Flournoy Co. Inc.
1559 Grand Ave.
Phone: PR 8-4407
45. Garrett Supply Co.
2950 W. Thomas Rd.
P. O. Box 11038
Phone: AP 8-5311
46. General Controls Co.
124 E. Roosevelt
Phone: AL 3-1368
47. General Electric Co.
220 Luhrs Tower
P. O. Box 4037
Phone: AL 8-7724
48. Germain Machinery Co.
1014 W. Myrtle Ave.
49. Goodyear, Paul
1137 W. Hilton
50. Gramer & Co.
444 W. Camelback Rd.,
Suite 305
Phone: CR 9-1231
51. Harris Bearing & Supply Co.
729 E. Henshaw Rd.
52. Harron, Richard & McCone Co.
5601 E. Calle Tuberia
Phone: WH 5-5663
53. Hartley, Barney H.
708 W. Willetta St.
P. O. Box 4381
Phone: AL 8-2552
54. Harwood Industries
3301 E. Washington St.
Phone: BR 5-9652
55. Hecht Assoc., Martin D.
5019 E. Cherry Lynn
Phone: WH 5-7771
56. Hennessy Equip. Sales Co.
4808 N. 7th Ave.
Phone: CR 7-7355
57. Hewitt-Robins
207B Camelback Rd.
Phone: CR 4-0245
58. Heyne Machinery Co.,
Roy J.
729 W. Buchanan
Phone: AL 8-1264
59. Hinton, G. M.
P. O. Box 6434
Phone: AL 4-3949
60. Hoffman & Heartt
1325 S. 26th St.
Phone: BR 5-6661
61. Kinney Materials Handling Inc.
929 Grand Ave.
Phone: AL 8-2778
62. Kiva Sales
3935 N. 45th Pl.
Phone: WH 5-3577
63. Lautz, Walter
1830 S. Central
Phone: AL 8-3469
64. Lincoln Electric Co., The
420 S. 3rd Ave.
Phone: AL 4-5894
65. Luma Corp.
447 W. Jefferson
Phone: AL 3-4021
66. Machinery Sales Co.
1946 E. Bethany Rd.
P. O. Box 1268
67. Maddox Sales Co.
5709 19th Pl.
Phone: CR 4-3807
68. Maltby Co. Inc., Edw. D.
424 W. Jefferson St.
P. O. Box 1124
69. Mathewson, Robert S.
8325 N. 9th Ave.
Phone: WI 3-5635,
AL 4-8831
70. McCullough Co., O. K.
1029 N. 1st St.
Phone: AL 3-9742
71. Micro Switch Div.
4125 N. 7th Ave.
Phone: CR 4-7791
72. Moore & Co., C. C.
213 Luhrs Bldg.
Phone: AL 2-4391
73. Murphy & Assoc.
P. O. Box 9097
Phone: WI 3-5853
74. Naumann Lift Trucks Inc.
522 E. Henshaw Rd.
Phone: AL 8-9851
75. Nelson Equip. Co., L. D.
1925 W. Glendale Ave.
Phone: CR 7-7681
76. New Departure Div.
G. M. Corp.
213 N. 1st Ave.
Phone: AL 3-7770
77. Oakite Products Inc.
326 W. Palm Lane
Phone: AL 4-8789

PHOENIX (cont.)

78. Oliver, James E.
3117 N. 40th St.
Phone: AM 6-7898
79. Phoenix Elevator Co.
Title & Trust Bldg.
80. Phoenix Welding Supply Co.
112 S. 6th St.
81. Pratt-Gilbert Hardware Co.
701 S. 7th St.
P. O. Box 2230
Phone: AL 8-6751
82. Purvis & Co.
4571 Calle Redonda
Phone: WH 5-7272
83. Ragsdell Tool & Supply
8234 N. 28th Dr.
Phone: WI 3-8753
84. Red-Lu Tool & Supply Co.
3217 E. Washington St.
Phone: BR 5-7588
85. Redman Equip. Co., Lee
610 S. 19th Ave.
P. O. Box 151
Phone: AL 8-2794
86. Redmond Supply Co., J. E.
625 W. Madison St.
P. O. Drawer 889
Phone: AL 4-8471
87. Reynolds Metals Co.
3500 W. Van Buren St.
Phone: AP 8-3551
88. Rives Engrg. Co.
3121 E. McDowell Rd.
Phone: BR 5-0211
89. Schreiber, Barney
515 S. 1st St.
Phone: AL 3-3173
90. Semon Bearing & Supply Co.
325 N. 3rd Ave.
Phone: AL 8-7564
91. SKIL Corp.
3125 E. McDowell Rd.
Phone: BR 5-7242
92. Snap-on Tools Corp.
3229 E. Washington St.
Phone: BR 5-2489
93. Southwest Machine Tool Corp.
222 N. 7th Ave.
Phone: AL 2-4197
94. Southwest Sales Co.
1620 E. Earle Drive
Phone: CR 4-1331
95. Standard Oil Co. of Calif.
Western Operations Inc.
P. O. Box 831
Phone: AL 3-3141
96. Steel & Engrg. Products Co.
629 First National Bank Bldg.
411 N. Central Ave.
Phone: AL 3-5311
97. Thompson Saw Center
4131 N. 23rd Dr.
98. Thomson Co. Inc., Geo. S.
915 S. Central Ave.
P. O. Box 448
Phone: AL 8-4591
99. Thunderbird Sales Corp.
2255 W. McDowell
Phone: AL 4-8874
100. Weller & Co., Edward P.
6708 N. 48th St.
Phone: AM 6-3188
101. Western Control Equip. Co.
1400 N. 22nd St.
Phone: BR 5-2013
102. Wilson Machinery Co.
Room 108, Ramada Inn
3625 E. Van Buren
Phone: BR 5-5465
103. Wright & Co., Norman S.
2641 E. Adams St.
Phone: BR 5-4469
104. Yard, Richard G.
4617 E. Lafayette Blvd.
Phone: WH 6-2193

SAFFORD

105. Dettlerbeck, Lester G.
Box 27
Phone: 953W

SCOTTSDALE

106. Cole Sales Corp., W. T.
618 Miller Rd.
P. O. Box 247
Phone: WH 5-8306

107. Elgin National Watch Co.
11842 N. 67th St.
Phone: WH 5-8926
108. Fryco
355 N. Scottsdale Rd.
P. O. Box 464
Phone: WH 5-3281
109. Gillette Industries Inc.
32B E. 1st St.
110. Goodyear, Paul
11842 N. 67th St.
Phone: WH 5-6926
111. Groene, Willard Le Blond
8102 N. Mummy Mountain Rd.
Phone: WH 5-6719
112. Kearfott Div.
General Precision Inc.
217 S. Hinton Rd.
113. Mechanical Equip. Co.
222 S. Hinton Ave.
Phone: WH 5-6369
114. Moore Machinery Co.
45 1st Ave.
Phone: WH 5-0667
115. Tornquist Machinery Co.
45 W. 1st St.
Phone: WH 5-1192

TUCSON

116. Ariz. Hardware Co.
1715 E. 22nd St.
P. O. Box 5705
117. Ariz. Welding
118. Aweco Supply Co.
800 S. Park Ave.
Phone: MA 4-1781
119. Bartley, R. W.
2144 N. Campbell Ave.
P. O. Box 2868
Phone: EA 5-2291
120. Brake Supply Co., The
146 W. 6th St.
121. Central Station Equip. Co.
2323 Aviation Hwy.
Phone: MA 3-2493
122. Complete Industrial Supply Co.
506 N. Stone Ave.
Box 5102
Phone: MA 3-6701
123. Copper State Machinery Co.
21A Polo Village
Phone: EA 6-3830
124. Dye Oxygen Co.
120 W. 36th St.
125. General Electric Co.
650 N. 6th Ave.
P. O. Box 710
126. Gillette Industries Inc.
5931 E. Lester Dr.
Phone: AX 8-7976
127. Harris Bearing & Supply Co.
3302 E. 3rd St.
128. Industrial Tool & Supply Co.
830 E. 22nd St.
P. O. Box 4916
Phone: MA 3-2581
129. Interstate Tool Co.
5617 E. 29th St.
Phone: AX 8-3711
130. Marshall Co., G. S.
Pima Plaza 8
2030 E. Broadway
Phone: MA 2-4719
131. Mine & Smelter Supply Co.
4030 E. 3rd St.
Phone: EA 7-3754
132. Sheehan Co., R. J.
119 W. Sahusro St.
Phone: MA 3-1604
133. Suppliers of Industries Inc.
1302 N. Main
P. O. Box 5911
Phone: MA 3-9474
134. Terrazas, Pina & Moore Inc.
Box 5106
Phone: TU 3-8302
135. Tucson Bearing Co. Inc.
1110 S. Park (10)
Phone: MA 3-3618
136. Wagner, Miles C.
R. 4, Box 940
215 E. River Rd.
Phone: MA 3-5353

YUMA

137. Dye Oxygen Co.
1351 3rd Ave.

SALES OFFICES

ARKANSAS

CRAWFORDSVILLE

1. Oakite Products Inc.
Phone: 4481

CROSSETT

2. Tri-State Mill Supply Co.
105 W. 1st Ave.

DE QUEEN

3. DeQueen Mill Supply Co.
P. O. Box 231
Phone: JU 4-3521

EL DORADO

4. Apex Supply Co.
605 N. West Ave.
P. O. Box 1416

FORT SMITH

5. Anderson Machinery & Supply Co.
512 S. 3th St.
6. Boal Foundry & Machine
S. 10th & Carnall Ave.
Phone: SU 2-9129
7. Bruce-Rogers Co.
51-55 S. 6th St.
8. Hammond Sheet Metal Co.
400 S. East St.
Phone: SU 2-3027
9. Hollis & Co.
2206 N. "J" St.
10. Lyons Machinery Co.
712 Division St.
11. McKee-Pitts Industrials Inc.
500 N. 2nd St.
Phone: SU 2-0373
12. Tooling Unlimited
1621 Ballman Rd.
Phone: SU 3-6111

JONESBORO

13. Ark. Metals Co.

LITTLE ROCK

14. Allied Ark. Bearing Co.
410 Spring St.
Box 453
Phone: FR 4-4868
15. Bigelow Robinson Co.
800 W. 8th St.
P. O. Box 2684
Phone: FR 4-8301
16. Burns Co., Troy
3015 Lewis St.
P. O. Box 4105
Phone: MO 4-1599
17. Capital Welding & Supply
1101 North St.
18. Flinn Engrg. Co.
c/o Allen Bullard Co.
509 E. Markham St.
Phone: FR 6-1678
19. General Electric Co.
103 W. Capitol Ave.
20. Hawkins Machinery Co.
1018-20 Center St.
21. Hollis & Co.
330 E. 3rd St.
Phone: FR 5-8155
22. Lift Truck and Service Co.
110 W. 9th St.
Phone: FR 4-1252
23. Lyons Machinery Co.
904 Broadway
Phone: FR 4-5007
24. Mill & Mine Supply Co.
920 Allen St.
Phone: FR 5-0224
25. Reynolds Metals Co.
406 Commercial National Bank Bldg.
Phone: FR 4-6472
26. Southern Bearings Service Inc.
519 W. 7th St.
27. Southwest Tool & Supply Co.
1602 W. 14th St.
Phone: FR 5-9032
28. Stout Inc., Curtis H.
400 Shail St.
P. O. Box 107
Phone: FR 4-8201
29. Teletype Corp.
4490 W. 85th St.
30. Welders Supply Co.
860 E. Roosevelt
P. O. Box 147
31. Woods Machine Co., S. A.
909 Boyle Bldg.
Phone: FR 4-1900

MENA

32. Parsons Co., Ben H.
205 7th St.
Phone: 456

NORTH LITTLE ROCK

33. Bounds, Cecil
208 Louise St.
34. Jones of Little Rock Inc., Grady W.
3800 E. Broadway
Phone: WI 5-1022
35. McCorkle, E. R.
1425 Garland Ave.

PINE BLUFF

36. Ark. Mill Supply Co.
P. O. Box 647
37. Gregory-Salisbury & Co. Inc.
815 Hudson Ave.
P. O. Box 673
Phone: JE 4-5932
38. Tri-State Mill Supply Co.
224 S. Mulberry St.
Phone: JE 4-9350

ROGERS

39. Wendt-Sonls Co.
205 N. 13th St.
Phone: ME 6-1515

SPRINGDALE

40. Scott Supply Co.
105 N. Spring St.

TEXARKANA

41. Buhrman-Pharr Hardware Co.

WEST MEMPHIS

42. Jones-Philibert Co.
1113 Spears St.
Phone: RE 5-3617

CALIFORNIA

ALAMEDA

1. Reproduction Machine Services
1711 St. Charles St.
Phone: HI 4-0305

ALHAMBRA

2. Cassimus Co.
2703 W. Valley Blvd.
Phone: CU 3-6605
3. Cox Sales & Engrg.
1819 W. Valley Blvd.
Phone: CU 3-2351
4. Dow-Corning Corp.
3033 W. Mission Rd.
Phone: CU 3-6621,
AT 9-5186
5. Loy & Assoc., Frank
2890 W. Valley Blvd.
Phone: CU 3-4801
6. Richetts Co., Don
1230 S. Garfield Ave.
Phone: AT 4-0082

ALTADENA

7. Codman Co., F. L. & J. C.
1800 Brae Burn Rd.
Dahl, Roger D.
240 E. Mariposa St.
Phone: SY 7-4695
9. Dunmore Co., The
26 W. Terrace St.
Phone: SY 4-2198
10. Ferguson, H. B.
1337 Boston St.
Phone: MU 1-4724
11. Heintz, Emil H.
1360 Boston St.
Phone: MA 2-9214

ANAHEIM

12. All Bearing Service Inc.
264 N. Manchester
Phone: KE 5-7257
13. Elder, Rex.
8952 Winston
14. Electra Motors Inc.
1110 N. Lemon St.
Phone: MA 6-1271
15. Factory Supply Co.
112 S. Orangethorpe Ave.
16. Flexible Tubing Corp.
305 Crescent Way
Phone: PR 4-9934

17. Hopkins Co., R. Sydney
112 W. Broadway
Phone: ZE 1912
18. Long, Frank
821 Valley
19. Marshall Tool & Supply Corp.
112 E. Orangethorpe Ave.
Phone: TR 1-1323
20. Metropolitan Supply Co.
1750 S. Zeyn St.
Phone: FR 2-4600
21. Power Tool & Supply Co.
246 N. Manchester Ave.
Phone: KE 5-7288
22. Resiroflex Corp.
301 N. Crescent Way
Phone: FR 2-4700

ARCADIA

23. Geddes, R. O.
2425 Woodruff Lane
24. Master Equip. Corp.
P. O. Box 531
Phone: HI 6-8765
25. Niss, W. M.
208 Naomi Ave.
Phone: RA 3-7111
26. Phillips Co., A. J.
328 Magna Vista Ave.
Phone: HI 6-3141

ARCATA

27. Munnell & Sherrill of Calif.
156 S. "G" St., Box 217
Phone: VA 2-1761
28. Reliable Hardware Co.
11th & "M" Sts.
Phone: VA 2-0378

AZUSA

29. Reichhold Chemicals Inc.
P. O. Box 22
Phone: CU 3-4123

BAKERSFIELD

30. All Bearing Service Inc.
2728 Chester Ave.
Phone: FA 4-4739
31. BA-Valley Industrial Supply
141 1st St.
Phone: FA 7-5321
32. Bakersfield Welding Supply Co.
901 18th St.
Phone: FA 5-5782
33. Gray Lift Inc.
1817 "H" St.
P. O. Box 1441
Phone: FA 2-0953
34. Hopper Machine Works
301 26th St.
P. O. Box 1226
Phone: BA 4-4991
35. Kern Electric Distributors
3830 Chester Ave.
Phone: FA 5-2436
36. Lawless Brothers Inc.
4000 Rosedale Hwy.
P. O. Box 3036

BALBOA

37. Wagner, Henry
1116 W. Ocean Front
Phone: OR 7-965

BALDWIN PARK

38. Lewis, Donald J.
3815 Big Dalton

BELL

39. King Sales & Engrg. Co.
4855 E. Gage Ave.
Phone: LU 3-6606
40. Milne & Co. Inc., A.
4819 E. Patata St.
Phone: LU 3-3465
41. Munroe Co., Paul
6430 E. Gage
Phone: LU 7-5226
42. Westmont Engrg. Co.
4915 Cecilia St.
Phone: LO 8-1705

BELL GARDENS

43. Arcos Corp.
6222 Chalet Dr.
Phone: SP 3-4390
44. Hondo Specialties Co.
7746 Scout Ave.
Phone: SP 3-3776

CALIFORNIA

45. Pacific Scientific Co.
6280 Chalet Dr.
Phone: SP 3-2020
46. Munroe Co., The Paul
6430 E. Gage Ave.
Phone: SP 3-2870
47. Porter Precision Products Inc.
7746 Scout St.
Phone: SP 3-3776

BELMONT

48. Carpenter Steel Co., The
1530 Industrial Way
Phone: LY 3-8461
49. Smith & Assoc., Harry M.
1341 Old County Rd.
Phone: LY 3-7389
50. Western Gear Corp.
Industrial Way & Quarry Rd.
P. O. Box 126
Phone: LY 3-7611

BERKELEY

51. Bay Cities Tool & Supply Inc.
2630 San Pablo Ave. (2)
Phone: TH 3-8852
52. Borden Co., W. A.
1813 San Lorenzo Ave.
(7)
Phone: LA 5-1357
53. Chain Belt Co.
2940 7th St. (10)
Phone: TH 3-6801
54. Dietzgen Co., Eugene
2990 7th St.
Phone: TH 8-1900
55. Eutectic Welding Alloys Corp.
1108 Blake St. (2)
Phone: TH 3-7577
56. Fletcher, Tom
2300 4th St.
Phone: TH 5-1863
57. Gain, Louie A.
1544 Spruce St.
Phone: TH 1-3991
58. Hastings Distributors
1605 Solano Ave. (7)
Phone: LA 5-9077
59. Moore Machinery Co.
7th & Carleton Sts. (10)
Phone: TH 3-1636
60. New Departure Div.
General Motors Corp.
1716 4th St. (10)
Phone: LA 6-8750
61. Page Co., John S.
570 Coventry Rd. (7)
62. Remington Arms Co. Inc.
2735 San Pablo Ave. (2)
Phone: TH 8-7382
63. Ridley Co., The
2747 San Pablo Ave. (2)
Phone: TH 3-8984
64. Schmidt Co., John H.
1501 San Pablo Ave. (2)
Phone: LA 5-9641
65. Spaulding Fibre Co. Inc.
1780 Shattuck Ave. (9)
Phone: TH 5-7941

BEVERLY HILLS

66. Airsupply Co.
9815 Wilshire Blvd.
Phone: BR 2-8111
67. Bendix Aviation Corp.
Industrial Controls Section.
292 S. LaCienega Ave.
68. Clark Co., Robert H.
9330 Santa Monica Blvd.
Phone: BR 2-3121
69. Dudek Co., Richard C.
407 N. Maple Dr.
Phone: BR 2-9097
70. Zimmerman Co., W. E.
207 N. Maple Dr.
Phone: BR 2-1181

BUENA PARK

71. Chesmuth, S. A.
P. O. Box 89
Phone: AN 2-8144
72. Conte Products Co.
P. O. Box 89
Phone: AN 2-8144

SALES OFFICES

CALIFORNIA

BUENA PARK (cont.)

73. Smith, H. Blake
P. O. Box 277
Phone: LA 2-1805

BURBANK

74. Aircraft & Industrial Bearings
3303 W. Burbank Blvd.
Phone: TH 5-3586
75. Ampco Metal Inc.
50 E. Burbank Blvd.
Phone: TH 8-5504
76. Brand Tool & Supply Co.
907 S. Victory Blvd.
Phone: TH 8-2903
77. Elect-Air Tool Co.
310 W. Verdugo
Phone: VI 9-3126
78. General Controls Co.
1320 S. Flower
Phone: VI 9-1181
79. Howell Co., Roger
1854 W. Olive Ave.
Phone: VI 9-1803
80. Huron Machine Products Inc.
2905 N. Glenn Oaks Blvd.
P. O. Box 25
Phone: VI 9-5013
81. Marshall Tool & Supply Corp.
900 S. Victory Blvd.
Phone: VI 9-1431
TH 5-1791
82. Production Machinery Sales Inc.
2815 W. Burbank Blvd.
Phone: VI 9-3206
83. Spaulding Fibre Co. Inc.
3504 E. Magnolia Blvd.
Phone: TH 5-7243
84. Weightman & Assoc.
4029 Burbank Blvd.
Phone: VI 9-2435

BURLINGAME

85. Airdraulic Industrial Products Co.
1104 Carolan Ave.
Phone: DI 2-7297
86. Cuno Engrg. Corp., The
723 California Dr.
P. O. Box 271
Phone: DI 2-3537
87. Handy & Harman
1299 Bayshore Blvd.
Phone: DI 2-2800
88. Harnischfeger Corp.
1835 El Camino Real
Phone: OX 7-4153
89. Johnson & Son Inc., S. C.
50 Broderick Rd.
Phone: OX 7-5391
90. March Sales
P. O. Box 255
Phone: DI 2-5160
91. Milne & Co. Inc., A.
1357 Marsten Rd.
Phone: DI 2-7451
- 91A. Reliance Electric & Engrg. Co.
1525 Adrian Rd.
Phone: OX 7-3341
92. Routh Co., T. R.
1200 Capuchino Ave.
Phone: DI 2-3503
93. Tornquist Machinery Co.
864 Burlway Rd.
Phone: DI 2-3503
94. Woolridge Co., Wm. P.
1209 Burlingame Ave.
Phone: DI 2-0823

CAMPBELL

95. Van Riper Co., Cliff
461 N. April Way
Phone: ES 7-6481

CANOGA PARK

96. Lake Erie Machinery Corp.
22942 Burton St.
Phone: DI 6-5086
97. Prock, Robert F.
6952 Coxycroft Ave.
Phone: DI 7-9370

CARMEL

98. Postoria Corp.
P. O. Box 4236
Phone: MA 4-2977

CASTRO VALLEY

99. Baab Tool Room Supply, Lloyd
19782 Salem Rd.
Phone: LU 2-9138
100. Morrison, Richard
19040 Mayberry Dr.

CHICO

101. Larry's Tool & Supply
839 Main St.
102. Vascology-Ramet Corp.
1306 Bidwell Ave.
Phone: FI 3-0417

CITY OF INDUSTRY

103. Bliss Co., E. W.
13290 W. Temple Ave.
Phone: YO 2-1036
104. Thomas Machinery Co. Inc.
Art
3535 San Gabriel River Parkwy.
Phone: RA 3-6148

CLAREMONT

105. Federal-Mogul Div.
740 W. 10th St.
Phone: NA 6-4073

COLTON

106. Braun Co., R. H.
1762 S. Sycamore
Box 306

COMPTON

107. Banner Metals, Inc.
2668 Victoria St.
108. Cottrill, R. E.
1109 Glencoe
Phone: NE 1-5087
109. Industrial Saw Mfg. Co.
300 E. Oaks Ave.
Phone: NE 6-1736
110. Industrial Tectonics Inc.
18301 Santa Fe Ave.
Phone: NE 6-9941
111. Mead Western Co.
1520 S. Long Beach Blvd.
Phone: NE 6-4355
112. Ofeld Industrial Sales & Engrg. Co.
709 Rosecrans Ave.
Phone: NE 6-2575
113. Portage Double Quick Inc.
529 W. Rosecrans Ave.
(4)
Phone: NE 6-8697,
NE 1-4368
114. Youman Co., George W.
409 S. Pearl Ave.
Phone: NE 6-8265

CORTE MADERA

115. Kesterson, Thomas H.
46 Diamond Head Passage
Phone: WA 4-3127

COSTA MESA

116. Cundall, Herman L.
2013 Monrovia
Phone: LI 8-0035
117. Newport Pacific Co.
505 Joann
Phone: LI 4-6853

COVINA

118. Elgin National Watch Co.
P. O. Box 226

CRESCENT CITY

119. All Bearing Service Inc.
P. O. Box 206
Phone: IN 4-3149

CULVER CITY

120. Aircraft & Industrial Bearings Inc.
8537 Washington Blvd.
Phone: VE 9-7767
121. Ashburn Supply Co.
8468 Warner Dr.
Phone: UP 0-4764
122. Cameron Supply Co., John
4016 Irving Pl.
Phone: UP 0-7403

123. Gee & Assoc., Harry
5333 S. Sepulveda Blvd.
Phone: TE 0-1742

124. Hevi-Duty Electric Co.
10826 Venice Blvd.
Phone: VE 7-1205

125. Pannier Corp., The
5415 Sepulveda Blvd.
Phone: EX 8-2272

126. Pelham Corp.
8557 Higuera St.
Phone: UP 0-8753

127. Union Industrial Supply Co.
10610 W. Culver Blvd.
Phone: VE 9-4331

DALY CITY

128. Howe, George F.
247 Irvington St.
Phone: JU 7-5315

DOWNEY

129. EDM Engrg. Corp.
9126 E. Firestone Blvd.
Phone: WA 3-2211
130. Ex-Cell-O Corp.
12200 Bellflower Blvd.
Phone: TO 1-0251
131. Kiener, Frank
10452 Chaney Ave.
Phone: TO 9-6380
132. Lindberg Engrg. Co.
11837 S. Regentview Ave.
Phone: SP 3-1967
133. Productool Inc.
9158 Firestone Blvd.
Phone: TO 1-9765
134. Service Machinery Co.
8106 Brookgreen Rd.
Phone: SP 3-0601
135. Shell Chemical Co.
10642 Downey Ave.
Phone: SP 3-0601

EAST PALO ALTO

136. Rensen Machinery & Tooling Co.
2551 Emmet Way
Phone: DA 3-4798

EL CAJON

137. Adroit Tool & Supply Inc.
1405 N. Johnson
Phone: HI 2-7795
138. Tools and Metals Inc.
301 N. Johnson Ave.
Phone: HI 2-1631

EL CENTRO

139. All Bearing Service Inc.
354 E. Main St.
Phone: EL 2-6460
140. Douthitt Steel & Supply, W. H.
E. Main St.
Phone: EL 3-5701

EL MONTE

141. Handy & Harman
330 N. Gibson Rd.
Phone: CU 3-8181
142. Hayden Twist Drill Co.
2630 N. Nevada St.
Phone: GI 8-3804
143. Ledeen, Inc.
3350 N. Gilman Rd.
Phone: RI 9-7044
144. Manufacturer's Service Inc.
2210 Chico Ave.
Phone: CU 3-1013
145. McNeill, S. W.
11654 Ranchito St.
Phone: GI 8-8612
146. Mercury Hardware Co.
11209 E. Garvey Blvd.
Phone: CU 3-8881
147. Simonds Abrasive Co.
9644 Rush St.
Phone: CU 3-8881
148. True-Trace Corp.
9630 E. Rush St.
Phone: CU 3-4761,
GI 4-2758

EL SEGUNDO

149. Alloys Rods Co.
750 Lairport St.
Phone: OR 8-7208
150. Craig Tools Inc.
133 Lomita St.
Phone: OR 8-5538,

151. Miner & Assoc. Inc.
115 Main St.
Phone: EA 2-5656

152. Nylok Corp., The
133 Penn St.
Phone: EA 2-5773

153. Standard Pressed Steel Co.
741 Lairport
Phone: OR 8-5382

154. United Industries Co.
111 Eucalyptus Dr.
Phone: OR 8-7348

155. Vickers Inc.
2160 E. Imperial Hwy.
Phone: OR 8-2503

EMERYVILLE

156. Alloy Rods Co.
4001 Hollis St. (8)
Phone: OL 5-2378
157. Balsam Brothers
1350 Powell (8)
Phone: OL 8-5010
158. Lincoln Electric Co.
1303 Stanford Ave. (8)
Phone: OL 5-8128
159. Mattson Warehouse Service
1456 66th St. (8)
Phone: OL 3-8861
160. Ryerson & Son Inc., Jos. T.
Box 8188
Phone: OL 3-2933,
DO 2-4211
161. Westinghouse Air Brake Co.
1545 Park Ave. (8)
Phone: OL 2-8100

ENCINO

162. Herman Inc., A. Dale
17071 Ventura Blvd.,
Suite 204
P. O. Box 577
Phone: ST 9-0349

ESCONDIDO

163. Lowe, Ed
Route 2, Box 482

EUREKA

164. Barnett Co., Fred E.
P. O. Box 61
Phone: HI 2-3791
165. Bearings & Transmission Products
2930 Broadway
P. O. Box 879
Phone: HI 2-5727
166. Eureka Boiler Works
Foot of "B" St.
Phone: HI 3-1681
167. Eureka Oxygen Co.
2010 1st St.
168. T-G Forklift Sales Co.
949 W. Murray
Phone: HI 3-1936
169. Tay-Holbrook Inc.
940 Broadway

FARMINGTON

170. Groves, Albert L.
P. O. Box 87

FREMONT

171. Brown, F. J.
P. O. Box 2805
Phone: CY 3-0851
172. Parker, Don
P. O. Box 366

FRESNO

173. Bearing Supply Co.
P. O. Box 408
174. Citrin, William H.
1435 N. Blackstone Ave.
(3)
Phone: AM 4-4177
175. Commercial Mfg. & Supply Co.
P. O. Box 947 (14)
Phone: AD 2-6101
176. Cutler-Hammer Inc.
155 Van Ness Ave. (21)
Phone: AM 8-3301
177. Elder & Co.
2496 S. Railroad Ave. (8)
Phone: AD 3-5855
178. Federal Pipe & Supply Co.
1220 Parallel Ave. (14)
Phone: AM 8-6151
179. Fresno Distributing Co.
400 Van Ness (1)
Phone: AD 3-1252

180. Fresno Oxygen Co.
P. O. Box 1427
181. General Bearings Co.
2820 Church Ave.
Phone: AD 7-7194
182. General Electric Co.
407 Patterson Bldg.
Tulare and Fulton St. (1)
183. Gordon Equip. Co.
210 Van Ness
Phone: AM 4-2877
184. Gray Lift Inc.
1905 Mary St. (1)
Phone: AM 8-6256
185. Haven Machinery & Supply Co.
2405 Ivey St. (2)
Phone: AD 7-6133
186. Heleck & Moran Fresno
850 Parallel St.
Phone: AD 7-6133
187. Lift Truck Service Corp.
2828 E. Church Ave.
Phone: AD 3-7211
188. Oakite Products Inc.
1615 W. Barstow Ave. (5)
Phone: AM 6-0801
189. Pacific Mill & Mine Co. Inc.
530 Van Ness Ave.
190. Sigler's
1828 Los Angeles St. (1)
191. Standard Oil Co.
Western Operations Inc.
P. O. Box 1312
Phone: AM 8-5271
192. Tay-Holbrook Inc.
920 "M" St. (18)
193. Terminal Air Brake Supply
2495 S. Cherry Ave.
194. Valley Elevator Co.
921 "L" St.
195. Valley Forklift Sales Co.
2424 S. Railroad Ave. (6)
Phone: AD 3-1255
196. Valley Foundry & Machine Works
2510 S. East Ave.
197. Walling, Capt. H. S.
1015 W. Alamos Ave. (5)
Phone: HA 7-1734
198. Western Asbestos Co.
647 "R" St.
Phone: 6-0675
199. Wright & Co., Norman S.
1361 Abby St. (3)
Phone: AM 6-5888
200. Young Machinery Co., A. L.
538 Blackstone

FULLERTON

201. Elgin National Watch Co.
Abrasive Div.
121 S. Gilbert St.
Phone: TR 1-1480
202. Franzen, Tore N.
Box 2011
203. Weide, Harley W.
2030 E. Whiting Ave.

GARDENA

204. Airline Welding & Engrg.
15899 S. Pan Pedro St.
Phone: FA 1-2700,
DA 3-5880
205. Burg Tool Mfg. Co. Inc.
P. O. Box 311
206. Color-Matic Sales & Service Co.
1750 W. 178th St.
Phone: FA 1-4080
207. Fralou Co., The
P. O. Box 40
Phone: FA 1-4600
208. Fullerton Distributing Co.
1736 W. 150th St.
Phone: DA 3-4166
209. Gosney Electric Tool Co.
15115 S. Western
Phone: FA 1-4616
210. Henry, H. W.
13209 S. Arcturus Ave.
Phone: DA 9-3767
211. Manning, Maxwell & Moore Inc.
15205 S. Main St.
Phone: FA 1-4751
212. Material Sales
18823 S. Vermont Ave.
213. Ram Chemicals Inc.
210 E. Alondra Blvd.
P. O. Box 192
Phone: FA 1-0719

214. Seaboard Pacific Div.
Assoc. Spring Corp.
15001 S. Broadway
215. Shafer, Arch C.
1835 W. Rosecrans
Phone: FA 1-0411
216. Tool Components Inc.
12923 Budlong Ave.
Phone: FA 1-1271

GLENDALE

217. Barry Controls Inc.
1400 Flower St.
Phone: CH 5-6653
218. Central Tool & Supply Co.
6514 San Fernando Pl. (1)
219. Colton, John F.
3712 San Fernando Rd. (4)
Phone: CH 5-3629
220. Eger Tool & Supply Co.
6906 San Fernando Rd.
Phone: VI 9-6273
221. Ferguson Machine Corp.
P. O. Box 163
Phone: CH 8-3560
222. General Controls Co.
801 Allen Ave. (1)
Phone: VI 9-2181
223. Gratiot Co., Roy F.
1261 S. Glendale Ave. (5)
Phone: CH 5-3746
224. Haakel Engrg. & Supply Co.
1236 S. Central Ave. (4)
Phone: CH 5-6811
225. Industrial Combustion Co.
1233 W. Glenoaks Blvd. (1)
P. O. Box 3275
Phone: CH 5-5394
226. Jones Tool Co.
917 Geneva St. (7)
Phone: CI 1-3306
227. Kennedy Co., Carl J.
1105 N. Pacific Ave. (2)
Phone: CH 5-3145
228. Magnetic Inspection Co.
6624 San Fernando Rd. (1)
229. Marshall Tool & Supply Corp.
6000 San Fernando Rd.
230. Michael Agency, Claude
703 W. Ivy St. (4)
Phone: CH 5-8401,
CI 1-8957
231. Palmer, S.
P. O. Box 336
Phone: CH 5-4648
232. Paul Co., Chester
1605 Victory Blvd. (1)
Phone: CH 5-3761
233. Porter Co., Robert B.
1804 Chiquita Pl. (8)
Phone: CH 5-6641
234. Quackenbush Co., A. B.
4216 San Fernando Rd. (4)
Phone: CH 5-3072, 5-3697
235. Reynolds, Darrell
1444 Winchester Ave. (1)
Phone: CH 5-4203
236. Rose, Robert K.
1405 Air Way (1)
Phone: CH 5-5439
237. Sheffield Western Corp.
3630 San Fernando Rd.
Phone: CI 4-9431,
CH 5-1828, 5-1829
238. Southwest Supply Co. Inc.
6638 San Fernando Rd. (1)
Phone: CI 3-3153
239. Stuart & Assoc., John
P. O. Box 1864 (5)
Phone: GL 3-4015
240. Super Tool Co.
5210 San Fernando Rd. (3)
Phone: CH 5-3568
241. Valley Engineers
418 N. Glendale Ave. (6)
Phone: CH 5-3510

GLENORA

242. Kuhn, Milton J.
19022 E. Leadora St.
P. O. Box 714
Phone: ED 5-0934

GRANADA HILLS

243. Henry Co., The
16319 Jonfin St.
Phone: EM 3-9849

HARBOR CITY

244. Tucker, William T.
Box 563
Phone: AD 4-4848

HAWTHORNE

245. Aircraft & Industrial Bearings, Inc.
1402 Hawthorne Blvd.
Phone: OR 8-8632
246. Burgan Machinery Co.
12903 S. Crenshaw Blvd.
Phone: OR 8-6208
247. Denison Engrg. Div.
1651 E. El Segundo Blvd.
Phone: PL 7-2246
248. Huck Mfg. Co.
220 N. Daphne Ave.
Phone: PL 7-3181
249. Sonnet Supply Co.
580 N. Prairie Ave.
Phone: OR 8-2853

HAYWARD

250. All Bearing Service, Inc.
24618 Mission Blvd.
Phone: JE 8-1950
251. Henry, P. E.
363 Balmoral
Phone: OR 1-3070
252. Porter Co., Robert B.
Hayward Municipal Airport
Phone: EL 7-1900
253. U. S. Gauge Div.
24692 Townsend Ave.
Phone: JE 8-6118

HOLLYWOOD

254. Amer. Optical Co.
1433 Cole Pl. (28)
Phone: HO 3-4161
255. Kellogg Paint Co.
960 N. Vine St.
256. Link Div.
608 Hollywood Prof. Bldg.
7046 Hollywood Blvd (28)
Phone: HO 4-7566
257. Nash Industrial Equip. Co.
1400 N. Hayworth Ave. (46)
Phone: OL 6-6652
258. Schaefer, J. A.
6000 Sunset Blvd. (28)
Box 38
Phone: HO 7-6653

HUNTINGTON PARK

259. Griffin Co., James H.
7652 State St.
Phone: LU 8-4124
260. Huntington Park Saw & Knife Inc.
6918 Santa Fe Ave.
261. Mechanical Drives Co.
5400 Pacific Blvd.
Phone: LU 9-5711
262. Montague-Harris & Co.
5301 Pacific Blvd.
Phone: LU 3-2331
263. Norton Co.
5905 Pacific Blvd.
Phone: LU 2-8195
264. Optical Equip. Co.
6910 Santa Fe Ave.
265. Preston Machinery Co.
6703 Santa Fe Ave.
266. R.C.H. Supply Co.
7031-33 Santa Fe Ave.
Phone: LU 3-2388
267. Scofield Co., L. M.
2071 Laura Ave.
268. Valvate Assoc.
7814 State St.
Phone: LU 3-1263

INDIO

269. Wright, Jr., James E.
83-783 48th Ave.
Phone: CO 8-4321

INCLEWOOD

270. Adamas Carbide Corp.
707 N. La Brea Ave. (3)
Phone: OR 8-0017
271. Aero Bolt & Screw Co.
1071 Arbor Vitae Ave.
Phone: OR 8-3931
272. Burgan Machinery Co.
P. O. Box 2098
Morningside Park Station (4)
Phone: OR 8-6208
273. Imperial Industrial Supply Co.
4901 W. Imperial Hwy. (2)
Phone: OR 1-3403

CALIFORNIA

274. Iron Bender Sales
8117 S. Van Ness (4)
Phone: PL 3-0045
275. Logue, Muri F.
930 N. Cedar Ave.
Phone: OR 8-4756
276. Marshall Tool & Supply Corp.
1416 Centinela Ave.
Phone: OR 1-7723,
OR 8-7709
277. Monroe, Robert
266 W. 64th Pl.
Phone: OR 8-1411
278. Precision Tool Service Co.
1213 W. Arbor Vitae St. (1)
Phone: OR 1-1966
279. Victor Tool & Supply Co.
707 N. La Brea Ave. (3)
Phone: OR 8-4067

IRVINGTON

280. Miller Electric Mfg. Co. Inc.
4649 Margery Dr.
Phone: OL 6-4576

LAFAYETTE

281. Vickers Inc.
3406 Mt. Diablo Blvd.
Phone: AT 4-7106

LA HABRA

282. Guilford, J. A.
2470 W. Blake Ave.
Phone: OW 1-1197
283. Hamann, L. R.
940 Meadow Lark St.
Phone: BE 4-4911

LA JOLLA

284. Brunson & Assoc., R. M.
7440 Girard Ave.
Phone: GL 4-0794
285. Daystrom Inc.
Weston Instruments Div.
4455 Miramar Rd.
Phone: GL 4-0421
286. Kearfott Div.
General Precision Inc.
7440 Girard Ave.
287. Petersen, J.
516 Forward St.

LAKEWOOD

288. Eaton, Ed
4106 Maybank Ave.
Phone: HA 1-7866

LA MESA

289. Arrowsmith Tool & Die Corp.
8444 Midland
Phone: HO 3-5544

LA MIRADA

290. Roosevelt Co., R. A.
P. O. Box 234
Phone: 3-3510

LA PUENTE

291. Prestin, R. D.
13956 Barrydale
292. Price, Dale
16529 Pocono
Phone: MA 6-5954

LEMON GROVE

293. Cochran & Co.
7921 Broadway
Phone: HO 6-2255
294. Sedgwick, Barry
P. O. Box 38
295. Setchell, James A.
7915 Nichols St.
Phone: HO 9-8274

LIVERMORE

296. Coast Mfg. & Supply Co.
Box 71
Phone: HI 7-1000

LONG BEACH

297. Amer. Wholesale Hardware Co.
1500 W. Anaheim St. (1)
Phone: HE 6-1261
298. Apgar, Charles R.
2248 San Anselme (15)
Phone: GE 4-1580

SALES OFFICES

CALIFORNIA

LONG BEACH (cont.)

- 299. Bearings Belts & Chains
2041 W. Anaheim Blvd.
- 300. Campbell Tracer Tool Sales
1329 W. Esther St. (13)
Phone: HE 5-8371
- 301. Holley, Anthony L.
4415 Linden Ave.
Phone: RA 2-3286
- 302. Jones Hardware
1501 Santa Fe Ave.
- 303. Machinists Tool & Supply Co.
2827 Supply Ave. (22)
Phone: RA 3-6731
- 304. McDowell, Jr., L. W.
3001 Cherry Ave. (7)
Phone: GA 7-9872
- 305. Neuner Co., James G.
1261 Long Beach Blvd.
- 306. Smith & Thorp Ltd.
141 E. Anaheim St. (13)
- 307. Tullis Co., H. I.
353 Pacific Coast Hwy. (6)

LOS ALAMITOS

- 308. Lovernich & Assoc., M.
P. O. Box 248
Phone: GE 1-8821

LOS ALTOS

- 309. General Radio
1186 Los Altos Ave.
Phone: WH 8-8233
- 310. Miller, J. A.
459 Panchita Way
Phone: WH 8-7730
- 311. Production Products Co.
905 San Antonio Rd.
- 312. Rominger, H. H.
189 Main St.
- 313. York Products Co.
1149 Briarwood Ct.
Phone: WH 8-3829

LOS ALTOS HILLS

- 314. Fridmore, Harold E.
23500 Toyanita Rd.

LOS ANGELES

- 315. Abbott Instrument & Engrg. Co.
7579 Melrose Ave. (46)
Phone: WE 8-2448
- 316. Abrasive Rubber Supply Co.
6416 Whittier Blvd.
- 317. ABSCO Inc.
2292 S. Garfield Ave. (22)
Phone: OV 5-8800
- 318. Accurate Photocopy & Blue Print Co.
7525 Bevely Blvd.
- 319. Acme Industrial Supply Co.
6213 S. Avalon Blvd. (3)
Phone: AD 2-3211
- 320. Acme Steel Co.
4903 Pacific Blvd.
Phone: LU 8-1241
- 321. Acorn Mfg. Co.
2517 E. Imperial Hwy.
- 322. Acre-Ebbert & Assoc.
5628 E. Beverly Blvd. (22)
- 323. Advanced Hydraulics Inc.
3414 E. 14th St. (23)
Phone: AN 1-1134
- 324. Advance Saw Works
2665 Santa Fe Ave. (58)
Phone: LU 7-6144
- 325. Aircraft Supply Co.
122-124 E. 3rd St.
- 326. Air & Hydraulic Equip. Co.
4863 Telegraph Rd. (22)
Phone: AN 9-8289
- 327. Airdreco
4863 Telegraph Rd.
Phone: AN 9-8289
- 328. Air-Letric Tool
6210 Compton Ave. (1)
Phone: LU 2-4008
- 329. Ajax Electric Salt Bath Furnaces
2112 S. Atlantic Blvd. (23)
Phone: AN 8-7504
- 330. Alemito Co.
Washington at Hope (15)
- 331. Alert Supply Co.
2041 S. Davis Ave. (23)
Phone: RA 3-8641
- 332. All Bearing Service Inc.
5256 E. Washington Blvd. (23)
Phone: AN 1-3135
- 333. Allegheny Ludlum Steel Corp.
Box 6842, E. Los Angeles Branch (22)
Phone: RA 3-1181
- 334. Alleman, Fred F.
1625 Blake Ave.
Phone: CA 2-8128
- 335. Allen-Bradley Co.
1264 S. Boyle Ave. (23)
Phone: AN 9-8421
- 336. Allen Mfg. Co., The
6835 1/2 E. Bandini Blvd. (22)
- 337. Allied Tool & Abrasive Supply Co.
3314 Fruitland Ave. (58)
Phone: LO 5-7241
- 337A. Allis-Chalmers
417 S. Hill St. (13)
Phone: MA 8-2231
- 338. Allis Co., The Louis
4405 E. Olympic Blvd.
Phone: AN 8-3631
- 339. Allison-Campbell Div.
6800 E. Acco St. (22)
Phone: RA 3-9751
- 340. Almqvist Bros. Tool & Equip. Co.
2300 E. 49th St. (58)
P. O. Box 58113, Vernon Branch
Phone: LU 9-6888
- 341. Aluminum Co. of Amer.
1145 Wilshire Blvd. (17)
- 342. Amer. Instrument Co. Inc.
10513 Santa Monica Blvd.
Phone: GR 9-1060
- 343. Anderson Equip. Co.
7301 Avalon Blvd. (3)
- 344. Andrews Hardware & Metal Co.
324 S. Main St.
Phone: MA 9-5030
- 345. Armite Lab.
5609 Broad St. (1)
Phone: LU 7-7444
- 346. Armstrong Cork Co.
5963 E. Smithway St. (22)
- 347. Aro Equip. of Calif.
3141 S. Grand Ave. (7)
Phone: RI 7-7531
- 348. Atkins Saw Div.
Borg-Warner Corp.
2202 S. Hill St.
- 349. Atkinson Co. Inc., Ralph W.
3713 Santa Fe Ave. (58)
Phone: LU 8-5107
- 350. Automatic Switch Co.
1223 Goodrich Blvd. (22)
Phone: RA 3-3668
- 351. Atlas Brass Foundry Inc.
1901 Santa Fe Ave. (21)
Phone: MA 7-6695
- 352. Babcock & Wilcox Co., The
Tubular Products Div.
1111 Wilshire Blvd. (17)
Phone: HU 2-2633
- 353. Bailey & Assoc., Don E.
5921 S. Normandie
Phone: FL 1-1169
- 354. Bailey Industrial Supply Co., H. N.
P. O. Box 74335,
Oakwood Station (4)
Phone: HO 7-5311
- 355. Baldwin-Lima-Hamilton
1052 W. 6th St. (17)
Phone: MA 6-5631
- 356. Barber-Colman Co.
7451 E. Slauson Ave. (22)
Phone: RA 3-3369
- 357. Barden Corp., The
3850 Wilshire Blvd. (5)
Phone: DU 5-0034
- 358. Bargain Tool & Exchange
3731 E. Olympic Blvd. (23)
Phone: AN 2-1169
- 359. Barker-Fruytland Supply Co.
4887 Fruitland Ave.
Phone: LU 3-6351
- 360. Barkdale Co.
5125 Alcoa Ave. (58)
Phone: LU 9-8181
- 361. Bausch & Lomb Optical Co.
314 W. 6th St. (14)
Phone: MA 3-1401

LOS ANGELES (cont.)

- 362. Bay State Tap & Die Co.
2301 E. 28th St. (58)
Phone: LU 7-8156
- 363. Bearing Engineers Inc.
3511 S. Figueroa St.
Phone: RI 9-2193
- 364. Bearing Sales Co.
1950 S. Olive St. (7)
- 365. Bearing Specialty Co.
325 W. 27th St.
Phone: LU 9-5331
- 366. Behr-Manning Co.
4950 E. 49th St. (58)
Phone: LU 9-5331
- 367. Behringer Inc., A. C.
334 N. San Pedro St. (12)
Phone: MA 8-7808
- 368. Bell, John W.
601 S. Vermont Ave. (5)
Phone: DU 8-7104
- 369. Bell Machinery Co. Inc.
4439 Santa Fe Ave. (58)
Phone: LU 2-6181
- 370. Besly-Weiles Corp.
3224 Union Pacific Ave. (23)
Phone: AN 8-1901
- 371. Bellows-Valva
526 Western Ave.
Phone: CH 5-0911
- 372. Bethlehem Steel Co.
6000 S. Boyle Ave. (54)
Box 2057, Terminal Annex
Phone: LU 3-3041
- 373. Bever, Arkills & Temple
6909 Melrose Ave. (38)
Phone: HO 2-3935
- 374. Bevil Co.
1801 S. Foto St.
- 375. Billard, Inc., W. T.
734 E. 3rd St. (13)
Phone: MA 4-2659
- 376. Black & Decker
2432 S. Broadway (7)
Phone: RI 9-0371
- 377. Blair, C. W.
1406 S. Grand Ave.
Phone: RI 8-6191
- 378. Blakeslee & Co., G. S.
356 S. Central Ave. (13)
Phone: MA 4-5637
- 379. Bliss Co., E. W.
13290 E. Temple Ave.
Phone: YO 2-1036
- 380. Blue M Engrg. Co.
2312 S. Main St. (7)
- 381. Bogensberger, R. A.
1882 E. 41st St. (11)
- 382. Boreham Co., R. S.
615 Bendix Bldg.
1206 Maple Ave. (15)
Phone: RI 9-9251
- 383. Boyar-Schultz Corp.
3020 E. Olympic Blvd. (23)
Phone: AN 9-0148
- 384. Boyd Co., A. B.
763 E. 14th St. (21)
- 385. Brady Co., W. H.
923 E. 3rd St. (13)
Phone: MA 6-2896
- 386. Braeburn Alloy Steel Corp.
5901 Sheila St. (3)
Phone: RA 3-1111
- 387. Braun Chemical Co.
1363 S. Bonnie Beach Pl. (54)
Phone: AN 9-9311
- 388. Braun Co., Robert H.
5519 Jillson St. (22)
Phone: RA 3-6381
- 389. Brenner-Fiedler & Assoc.
7543 Melrose Ave. (46)
Phone: WE 3-3811
- 390. Bridgeport Brass Co.
6500 E. Flotilla St. (23)
Phone: RA 3-5101,
PA 1-6171
- 391. Bristol Co., The
6500 E. Acco St. (22)
Phone: RA 3-9751
- 392. Brookes Co. Inc., The E. Jordan
6601 Telegraph Rd. (22)
Phone: RA 3-8431
- 393. Brown Co., J. J.
257 S. Spring St. (12)
- 394. Brown & Sharpe Mfg. Co.
3040 E. Olympic Blvd. (23)
Phone: AN 1-0115
- 395. Browning Co., E. S.
2321 Yates Ave. (22)
Phone: RA 3-3374
- 396. Brunner & Lay - Western Inc.
2415 E. 37th St.
Phone: LU 7-1233
- 397. Bunting Brass & Bronze Co.
240 W. 18th St. (15)
Phone: RI 9-3549
- 398. Butcher Co., L. H.
3628 E. Olympic Blvd. (23)
Phone: AN 2-4101
- 399. Butterfield Div.
Union Twist Drill Co.
3678 E. Olympic Blvd. (23)
Phone: AN 3-2131
- 400. CSA
6033 E. Bandini Blvd. (22)
Phone: RA 3-4521
- 401. Calavar Corp.
2700 S. Broadway (7)
Phone: RI 8-6292
- 402. Calhoun & Foxon Co.
5429 Alhambra Ave. (32)
- 403. Calif. Alloy Products Co.
4438 E. Corvett St. (22)
Phone: RA 3-6487
- 404. Calif. Hardware Co.
500 E. 1st St.
- 405. Calif. Nut & Bolt Co.
P. O. 3848
- 406. Calif. Tool Co.
1925 S. Figueroa (7)
- 407. Calif. Wholesale Electric Co.
P. O. Box 3581, Terminal Annex
Phone: RA 3-6711
- 408. Calreco
1417 Georgia St. (14)
Phone: RI 9-8485
- 409. Camloc Fastener Corp.
6416 Wilshire Blvd. (36)
Phone: WE 1-1361
- 410. Canfield Co., M. E.
419 3rd St., E.
- 411. Carbine Products Co.
2327 E. 8th St. (21)
Phone: MA 2-6154
- 412. Card Div., S. W.
Union Twist Drill Co.
3675 E. Olympic Blvd. (23)
Phone: AN 3-2131
- 413. Carney Co., T. C.
1201 S. Boyle Ave. (23)
Phone: AN 9-8233
- 414. Carpenter Steel Co., The
3009 E. 44th St. (58)
Phone: LU 7-9131
- 415. Carr Co. Inc., Curt
5466 Ferwood
Phone: HO 5-5848
- 416. Carrier Corp.
5350 Harbor St. (22)
P. O. Box 8768, L. A. Branch
Phone: OV 5-8310
- 417. Century Electric Co.
1855 Industrial St.,
Room 307 (21)
Phone: MA 7-8526
- 418. Chain Bolt Co.
7801 Telegraph Rd. (23)
P. O. Box 8901
Phone: OV 5-7700
- 419. Chainveyor Corp.
5618 E. Washington Blvd. (22)
Phone: RA 3-4741
- 420. Chase Brass & Copper Co.
6500 E. Washington Blvd.
Phone: RA 3-5351
- 421. Chase Steel & Supply Co.
2707 S. Supply Ave.
Phone: RA 3-9485
- 422. Chicago-Latrobe
2043 S. Santa Fe Ave.
Phone: MA 7-6682
- 423. Chicago Pneumatic Tool Co.
8935 Bandini Blvd. (22)
Phone: RA 3-8731
- 424. Chicago Tool & Eng. Co.
3595 E. Olympic Blvd. (23)
- 425. Clark Controller Co., The
4755 E. 49th St. (58)
Phone: LU 3-6366
- 426. Cleco Air Tools
2834 Tanager Ave. (22)
Phone: RA 3-4787

LOS ANGELES (cont.)

427. Cleveland Cap Screw Co.,
The
2613 S. Yates Ave. (22)
Phone: RA 3-8471
428. Cleveland Trammall Calif.
Co.
6435 Corvette St. (22)
Phone: RA 3-5205
429. Cleveland Twist Drill Co.
2301 E. 38th St. (58)
Phone: DU 8-5260
430. Coast Mfg. & Supply Co.
635 S. Kenmore (5)
Phone: DU 8-5260
431. Coast Tool Co.
3726 W. Slauson Ave. (43)
Phone: AX 2-0355
432. Coastwise Machine Tool Co.
2026 Santa Fe Ave.
6055 E. Bandini Blvd. (22)
Phone: RA 3-4684
434. Consolidated Machinery &
Supply Co. Ltd.
2033 S. Santa Fe Ave. (21)
Phone: MA 7-4734
435. Consolidated Western Steel
Div.
U. S. Steel Corp.
5700 S. Eastern Ave.
P. O. Box 2015
Phone: RA 3-7711
436. Conti Products Co.
3046 E. Olympic Blvd. (23)
Phone: AN 2-8144
437. Continental Drill Corp.
1515 E. Olympic Blvd. (21)
Phone: MA 7-2645
438. Continental Metals Inc.
7001 Santa Monica Blvd.
Phone: HO 9-3283
439. Continental Screw Co.
1119 E. 63rd St.
Phone: AD 3-6254
440. Control Switches Inc.
6241 W. 89th St. (45)
Phone: SP 6-2764
441. Cooke Co., G. M.
4716 Crenshaw Blvd. (43)
Phone: LO 5-2383
442. Cox Tool & Industrial Sup-
ply Co., J. B.
1436 E. Firestone Blvd.
Phone: LO 5-2383
443. Crawford Co., M. C.
3860 W. Slauson Ave. (43)
Phone: AX 2-7153
444. Creears Corp., T. H.
630 S. San Vicente Blvd.
Phone: OL 3-8540
445. Creeger, Donald H.
4814 Loma Vista Ave. (58)
Phone: LU 8-9200
446. Crest Tool & Supply Co.
7511 Santa Monica Blvd.
(46)
447. Currie Inc., Fred H.
1901 W. 8th St. (57)
Phone: DU 5-7448
448. Cutler-Hammer Inc.
6431 Bandini Blvd. (22)
Phone: RA 3-8391,
FA 8-7208
449. D & W Supply Co.
242 S. Central Ave.
460. Darnall Machinery Co.
2001 S. Santa Fe Ave. (21)
Phone: MA 7-8591
451. Davis Material Handling Co.
4891 Huntington Dr., N.
(32)
Phone: CA 2-7197
452. Davis Supply & Equip. Co.,
C. R.
422 E. 3rd St. (13)
Phone: MA 8-3144
453. Dayton & Bakewell
1850 Lovelace Ave.
Phone: RI 7-4151
454. Degen-Flege Co.
4559 E. Sheila St.
Phone: AN 9-0781
455. De Laval Pacific Co.
3370 E. Florence Ave. (58)
Phone: LU 1-5346
456. Deleo Products Div.
4455 Fruitland Ave. (58)
Phone: LU 2-8107
457. Del Mar Co., W. H.
3925 W. Slauson Ave. (43)
Phone: AX 5-6421
458. Denn-Burr Process Co.
P. O. Box 48-313
Phone: OL 2-6922
459. Denny, E. W.
P. O. Box 44-692 (44)
Phone: NE 6-5590
460. Detrex Chemical Ind. Inc.
2027 Fruitland Ave.
Phone: LU 8-9214
461. Detroit Mold Engrg. Co.
3700 S. Main St. (7)
Phone: AD 3-8214
462. DeVilbiss Co., The
6811 E. Slauson Ave. (22)
Phone: RA 3-6307
463. De Witt Tool Co.
2847 E. 11th St.
464. Diamond Saw Corp.
6315 Santa Monica Blvd.
(38)
Phone: HO 3-1202
465. Dickson Safety Products
Co.
12921 W. Washington
Blvd. (66)
Phone: OR 8-3761
467. Dillon Stevens & Co.
1348 Venice Blvd. (6)
Phone: RI 7-9221
468. Disston Div.
403 E. Washington Blvd.
(15)
Phone: RI 7-5621
469. DoALL Western Co.
3801 E. Olympic Blvd. (23)
Phone: AN 3-7313
470. Dolliver & Brother
5106 E. Washington Blvd.
(21)
Phone: AN 8-3445
471. Dorsett & Jackson, Inc.
3800 Noakes St. (23)
Phone: AN 8-1815
472. Dorsey Sales Co.
760 Stanford Ave. (12)
Phone: MA 2-7927
473. Ducommun Metals & Sup-
ply Co.
3890 S. Alameda Ave. (54)
P. O. Box 2117,
Terminal annex
Phone: LU 8-0161
474. Dunn Co., E. B.
2217 S. Grand Ave. (7)
Phone: RI 8-1665
475. Durez Plastics Div.
Hooker Chemical Corp.
6277 E. Slauson Ave. (22)
Phone: OV 5-8910
476. Electric Corp. of Calif.
200 S. Mission Rd. (33)
Phone: AN 9-0111
477. Electro-Mechanical Instru-
ments
4976 Eagle Rock Blvd. (41)
Phone: CL 4-2841
478. Ellison Machinery Co.
160 W. 23rd St. (7)
Phone: RI 9-5451
479. Ellis Co., Dick
508 Venice Blvd.
Phone: RI 7-5129
480. Empire Tool Co.
717 W. Olympic Blvd. (15)
Phone: MA 2-4184
481. Engelhard Industries Inc.
1111 Wilshire Blvd.
Phone: HU 2-1800
482. Engen Industrial Co.
1049 W. 7th St. (17)
Phone: MA 6-3181
483. Eutectic Welding Alloys Co.
5348 Jillson St. (22)
Phone: AN 8-3451
484. Exact Weight Scale Co., The
6010 Wilshire Blvd. (36)
Phone: WE 1-5487
485. Fafair Bearing Co., The
2276 E. 16th St. (21)
Phone: LU 1-6171
486. Fairbanks, Morse & Co.
4535 S. Soto St. (53)
Phone: LU 7-8151
487. Federal Products Corp.
2273 W. Washington Blvd.
(18)
Phone: RE 1-7215

LOS ANGELES (cont.)

488. Fellows Gear Shaper Co.,
The
5 Martel Bldg.
6214 W. Manchester Ave.
(45)
Phone: SP 6-0750
489. Fernholz Machinery Co.
8468 Melrose Pl. (46)
490. Field Abrasive Mfg. Co.
10927 W. Pico Blvd.
491. Fillmore & Garber
5963 S. Vermont Ave. (44)
492. Firth Sterling Inc.
2900 S. Vall Ave. (22)
Phone: RA 3-8736
493. Fornaciari Co.
5350 E. Washington Blvd.
(22)
Phone: AN 9-7595
494. Freeman Co., L. H.
5717 S. Broadway (37)
Phone: PL 8-8892
495. Frey Industrial Supply Co.
3828 Santa Fe Ave. (58)
Phone: LU 8-4261
496. Fuller Brush Co., The
2042 S. Garfield Ave. (22)
497. Fullerton Engrg. Sales Co.
4623 York Blvd. (41)
Phone: CL 6-2286
498. Gaal, Alexander H.
595 E. Colorado St.
Phone: MU 1-0411
499. Gallien & Sons, R. P.
220 W. 5th St. (13)
500. Gardner-Denver Co.
7654 E. Slauson Ave. (22)
Phone: RA 3-8711
501. Garlinghouse & Fremont Co.
6049 E. Washington Blvd.
Phone: RA 3-8686
502. Garlock Packing Co., The
2303 E. 8th St. (21)
Phone: MA 7-8448
503. Garrett Supply Co.
3844 S. Santa Fe Ave. (58)
Phone: LU 8-7221
504. General Controls Co.
801 Allen Ave.
Phone: VI 9-1483
505. General Electric Co.
212 N. Vignes St. (54)
506. General Radio
1000 N. Seward
Phone: HO 9-6201
507. General Specialties Co.
762 Kohler St. (21)
Phone: MA 2-2513
508. General Tool & Supply
417 S. Hill St. (13)
509. Geometric-Horton Div.
United-Greenfield Corp.
4462 E. Olympic Blvd. (23)
510. Germain Machinery Co.
3200 S. Garfield Ave. (22)
Phone: RA 3-7111
511. Gits Bros. Mfg. Co.
3300 McLaughlin Ave. (66)
Phone: CR 4-1577
512. Gisholt Machine Co.
2620 Leonis Blvd. (58)
Phone: LU 1-8267
513. Given Machinery Co.
3855 Santa Fe Ave. (58)
Phone: LU 8-3146
514. Goebel, William J.
225 W. 23rd St. (7)
Phone: RI 7-3545
515. Goodrich Industrial Prod-
ucts Co., B. F.
3525 S. Garfield Ave. (22)
Phone: RA 3-6682
516. Goodwin-Snyder Co.
6814 S. Western Ave. (47)
Phone: FL 3-1553
517. Gorham, M.
P. O. Box 49737
Phone: GR 2-7211
518. Gratiot Co., Jules D.
3423 Verdugo Rd. (65)
Phone: CL 6-2191
519. Graybar Electric Co. Inc.
210 Anderson St. (54)
520. Great Western Steel Co.
Inc.
1011 E. 51st St.
Phone: AD 2-7251
521. Green-Penny Co.
4180 E. Noakes St. (23)
Phone: AN 8-3321
522. Greer Hydraulics Inc.
4474 E. Olympic Blvd.
Phone: AN 8-5121
523. Griffin Coil Spring Co. Inc.
196 E. Jefferson Blvd. (11)
Phone: AD 3-5296
524. Guardian Safety Equip. Co.
7223 S. Main St. (3)
525. Hahn, Hallett & Willcutt
Machinery Inc.
3630 Santa Fe Ave. (58)
Phone: LU 3-4401
526. Hall Co. of Calif., C. P.
1340 E. 6th St. (21)
527. Hammett, E. C.
846 E. 6th St. (21)
Phone: MA 7-4459
528. Hardinge Brothers Inc.
4480 E. Olympic Blvd. (23)
Phone: AN 1-0103
529. Harley-Pence Machinery
Co.
1805 N. Hillhurst Ave. (27)
Phone: NO 1-0103
530. Harnischfeger Corp.
2400 E. Imperial Hwy. (50)
Phone: LO 9-7141
531. Harper & Reynolds Corp.
2425 Malt Ave. (54)
532. Harron, Rickard & McCone
3850 Santa Fe Ave. (58)
Phone: LU 2-8361
533. Harshaw Scientific Div.
3237 S. Garfield Ave. (22)
534. Haskel Engrg. & Supply Co.
Phone: CH 5-6811
535. Haynes Stellite Co.
2770 Leonis Blvd. (58)
Phone: LU 3-3061
536. Heald Machine Co., The
3850 Santa Fe Ave. (58)
Phone: LU 2-8361
537. Heller Tool Co.
2262 E. 37th St. (58)
Phone: LU 3-4771
538. Heppenstall
6440 Fleet St. (22)
Phone: RA 3-6375
539. Herrmann Co., Clarence F.
420 S. San Pedro St. (13)
Phone: MA 7-1684
540. Hessel, Arthur R.
1238 Atlantic (22)
Phone: AN 3-5567
541. Hewitt-Robins
2604 S. Malt Ave. (22)
Phone: RA 3-4771
542. Hickerson Supply Co.
3109 Venice Blvd.
543. Hobart Welder Sales &
Service
P. O. Box 25697 (25)
544. Hoffman Hardware Co.
6625 E. Washington Blvd.
545. Hoffman & Hearst
3005 S. Grand Ave. (7)
Phone: RI 8-5371
546. Holcomb, John E.
2864 Rock Glen Ave.
547. Horton Chuck Div.
Greenfield Tap & Die
4462 E. Olympic Blvd. (23)
Phone: AN 8-3131
548. Houdallie Industries Inc.
Buffalo Hydraulics Div.
6440 E. Corvette St. (22)
549. Houghton & Co., E. F.
2445 E. 26th St. (58)
Phone: LU 2-5242
550. Howard Supply Co.
5125 Santa Fe Ave. (58)
P. O. Box 58344,
Vernon Branch
Phone: LU 8-1281
551. Huddleston Equip. Co.
1148 S. Los Angeles
Phone: RI 8-5401
552. Hughes Co. Inc., R. S.
4515 Alger St. (39)
Phone: CH 5-6831
553. Hundley Co.
3282 Fletcher Dr. (65)
Phone: CL 5-7111
554. Huseby Co. Inc.
2501 Yates Ave. (22)
Phone: RA 3-4529
555. I-T-E Circuit Breaker Co.
1921 E. 7th St. (21)
Phone: MA 2-7134

CALIFORNIA

SALES OFFICES

CALIFORNIA

LOS ANGELES (cont.)

556. Imhof, E. J.
3974 Wilshire Blvd. (5)
Phone: DU 5-5983
557. Independent Foundry Supply Co.
6463 E. Canning St. (22)
Phone: RA 3-3266
558. Indiana Steel Products
1709 W. 8th St., Room 404 (17)
Phone: CA 1-2104
559. Industrial Compounds Co.
1010 San Fernando Rd. (65)
Phone: CA 1-2104
560. Industrial Product Sales Co.
1417 Georgia St. (15)
Phone: RI 7-0125
561. Ingersoll-Rand Co.
5533 E. Olympic Blvd. (22)
Phone: RA 3-0131
562. International Nickel Co. Inc., The
714 W. Olympic Blvd. (15)
Phone: RI 9-2496
563. Jones & Laughlin Steel Corp.
2131 S. Garfield Ave. (22)
Phone: RA 3-9951
564. Jamison Steel Corp.
13039 S. Main St. (61)
Phone: RA 1-4151
565. Jarvis Corp. of Calif.
415 E. Florence Ave.
Phone: PL 3-3555
566. Jenness Co., Don G.
3010 E. Olympic Blvd. (23)
Phone: AN 9-7378
567. Jessop Steel Co.
2975 Wilshire Blvd. (5)
Phone: DU 5-8064
568. Jewell Co., The Hollis
5422 W. Washington Blvd. (16)
Phone: WE 3-7259
569. Johns-Manville Sales Corp.
611 S. Catalina St. (5)
Phone: RI 8-6113
570. Johnson Bronze Co.
1818 S. Grand Ave. (15)
Phone: RI 8-6113
571. Johnson & Assoc., Carl A.
5232 W. 57th St. (56)
Phone: PR 3-3132
572. Johnson & Son Inc., S. C.
2311 S. Eastern Ave. (22)
Phone: RA 3-6341
573. Johnston Co., M. D.
509 E. 4th St. (13)
Phone: MA 4-6212
574. Jones Machinery Corp., Frank E.
1403 Santa Fe Ave. (21)
Phone: MA 2-9132
575. Kaiser Aluminum & Chemical Sales Inc.
900 Wilshire Blvd. (17)
Phone: MA 6-4801
576. Kearfott Div.
General Precision Inc.
8921 Sepulveda Blvd. (45)
577. Kellher Hardware Co.
1501 E. Olympic Blvd.
Phone: CA 2-0201
578. Kelite Corp.
1250 N. Main St. (54)
Phone: CA 2-0201
579. Kennametal Inc.
4585 Pacific Blvd. (58)
Phone: LU 3-2191
580. Key Co., E. A.
1947 S. Santa Fe Ave. (21)
Phone: MA 8-5237
581. Kimball Elevator Co. Ltd.
711 E. 29th St. (11)
Phone: MA 6-5361
582. King & Co., Irving G.
821 Mateo St. (21)
Phone: MA 6-5361
583. Knight Co., W. Bert
10577 W. Pico Blvd. (64)
Phone: BR 2-0101
584. Komp Sales Co., Kenneth B.
1515 E. Olympic Blvd. (23)
Phone: TR 2665
585. L & I Pacific Inc.
3220 E. Olympic Blvd. (23)
Phone: AN 8-3304
586. Ladewig Co., W. R.
5608 E. Washington Blvd. (22)
587. Ladish Pacific Div.
3321 E. Slauson Ave. (58)
Phone: LU 3-4681
- 587A. Latrobe Steel Co.
2919 S. Tanager Ave. (22)
Phone: RA 3-9635, PA 2-2921
588. Leeds & Northrup Co.
1190 Monterey Pass Rd.
Phone: AN 9-3191
589. Leese & Sons, Walter
409 W. Pico Blvd. (15)
590. Leland-Gifford Co.
2620 Leonis Blvd. (59)
Phone: LU 7-8377
591. Leser Co., J. W.
4408 W. Jefferson Blvd. (16)
Phone: RE 1-4173
592. Liberty Industrial Sales Inc.
2101 E. 7th St. (21)
Phone: MA 7-4037
593. Lincoln Electric Co., The
2661 S. Yates Ave. (22)
Phone: RA 3-7281
594. Lincoln Foundry Corp.
2525 E. 49th St. (58)
Phone: LU 8-8121
595. Linde Co.
2770 Leonis Blvd. (58)
596. Link-Belt Co.
P. O. Box 22056
4312 W. Pico Blvd. (19)
Phone: WE 5-2351
598. Lombard Smith Co.
714 W. Olympic Blvd. (15)
Phone: RI 8-5345
599. Lord Mfg. Co.
Suite 702, Hollywood Professional Bldg.
Phone: HO 4-7593
600. Los Angeles Oil & Grease Co.
2313 Yates Ave. (22)
Phone: RA 3-1208
601. Los Angeles Stamp & Stationery
1500 S. Los Angeles St. (15)
602. Los Angeles Stores Div. Inc.
3200 S. Garfield Ave. (22)
Phone: RA 3-7111
603. Lynch & Son, C. R.
3307 Glendale Blvd. (39)
Phone: NO 3-8236
604. Lynn & Brooks
3055 Wilshire Blvd.
Phone: DU 2-2253
605. Machinery Sales Co.
2838 Leonis Blvd. (58)
P. O. Box 58362
Phone: LU 8-8111
606. Machinists Tool & Supply Co.
2827 Supply Ave. (22)
Phone: RA 3-6731
607. Maddox Sales Co.
914 E. 3rd St. (13)
Phone: MA 4-2306
608. Magnaflex Corp.
2300 S. Garfield (22)
Phone: RA 3-8961
609. Maltby Co. Inc., Edward D.
1940 S. Figueroa St. (7)
Phone: RI 7-5611
610. Mantz Co.
351 S. Atlantic Blvd. (22)
Phone: GR 9-8384
611. Mfg. Assoc.
1416 Westwood Blvd. (24)
Phone: GR 9-8384
612. Marathon Electric Mfg. Corp.
2639 S. La Cienega Blvd. (34)
Phone: UP 0-1082
613. Mark-Costello Co., The
1417 Georgia St. (15)
Phone: RI 9-2021
614. Marlin-Rockwell Corp.
2320 S. Main St. (7)
Phone: RI 9-6377
615. Marquette Mfg. Co.
4645 S. Knox Ave. (23)
Phone: RA 3-4341, PA 5-0663
616. Marshall Tool & Supply Corp.
2850 E. Olympic Blvd. (23)
Phone: AN 3-6121

LOS ANGELES (cont.)

617. Matticks Co., The
4176 Pacific Way (23)
Phone: AN 3-8771
618. McKenzie Engrg. Co., The
530 W. 6th St. (14)
Phone: MA 2-4415
619. McKinley Equip. Corp.
1557 Esperanza St. (23)
Phone: AN 9-0567
620. Metallizing Co. of Amer. Inc.
849 E. 6th St. (21)
Phone: MA 5-2471
621. Metallurgical Products Dept. General Electric Co.
2106 W. Washington Blvd. (18)
Phone: RE 1-8286
622. Met-L-Chek Western
11919 S. Western Ave. (47)
Phone: PL 4-3656
623. Meussdorffer & Assoc., R.
3487 Cahuenga Blvd., Suite 1, (28)
Phone: HO 2-6039
624. Meyer Sheet Metal Machinery Co.
1938-30 Santa Fe Ave. (21)
Phone: MA 2-1477
625. Micromatic Hone Corp.
1535 Grande Vista Ave. (23)
Phone: AN 1-0309
626. Micro Switch Div.
6620 Telegraph Rd. (22)
Phone: RA 3-7104
627. Mid-West Abrasive Co.
1751 E. Slauson Ave. (58)
Phone: LU 1-6249
628. Miller Fluid Power Div.
643 S. Olive St.
Phone: MA 7-6168
629. Millers Falls Co.
5224 E. Washington Blvd. (22)
Phone: AN 9-0726
630. Milligan, Chet E.
4814 Loma Vista Ave. (58)
Phone: LU 8-9200
631. Milwaukee Electric Tool Corp.
2549 W. Olympic Blvd. (6)
Phone: DU 2-3000
632. Minarik Electric Co.
224 E. 3rd St.
Phone: MA 6-3255
633. Minder Chain & Gear Co., J. W.
6011 S. Central Ave. (1)
Phone: AD 3-7221
634. Mine & Mill Machinery Co.
310 E. 3rd St.
Phone: MA 8-7000
635. Minn. Mining & Mfg. Co.
6023 S. Garfield Ave. (22)
Phone: RA 3-8641
636. Mobil Oil Co.
612 S. Flower St. (54)
Phone: PL 4-2971
637. Modco Tools
10221 S. Western Ave.
Phone: PL 4-2971
638. Monarch Bearing Co.
4435 Santa Fe Ave. (58)
Phone: LU 2-8321
639. Monarch Industrial
716 E. Manchester Ave. (1)
Phone: RI 7-5191
640. Montgomery Brothers
1053 S. Olive St. (15)
Phone: RI 7-5191
641. Moore & Co. Engineers Inc., C. C.
1111 Wilshire Blvd. (17)
Phone: HU 2-7650
642. Moore Machinery Co.
3200 Garfield Ave. (22)
Phone: RA 3-7111
643. Moore Products Co.
6214 W. Manchester Ave. (45)
Phone: SP 6-9260
644. Morgan Machinery Co., Inc.
2040 Santa Fe Ave. (21)
Phone: LU 5-0989
645. Morse Chain Co.
5071 Telegraph Rd. (22)
Phone: AN 8-9141
646. Morris Co., Stanley E.
5584 Alhambra Ave. (32)
647. Mueller Brass Co.
Mueller Brass Bldg.
3213 E. 44th St. (58)
Phone: LU 9-5261
648. Nash Co., The A. W.
2112 S. Atlantic Blvd. (22)
Phone: AN 9-7304
649. National Abrasive Sales Co.
1243 S. Boyle Ave.
650. National Screw & Mfg. Co., The
3423 S. Garfield Ave. (22)
Phone: OV 5-8760
651. National Twist Drill & Tool Co.
3671 E. Olympic Blvd. (23)
Phone: AN 3-4115
652. Nelson, George D.
8416 Whittier Blvd.
653. Nelson Stud Welding Div. Gregory Industries Inc.
5402 Alhambra Ave. (32)
Phone: CA 2-8103
654. New Departure Div. GMC
3650 S. Broadway (7)
Phone: AD 3-5101
655. New Hermes Engraving Machine
1346 N. Highland Ave. (28)
Phone: HO 5-5414
656. New Jersey Zinc Co., The
4560 E. 50th St. (58)
657. N. Y. Twist Drill Co. Inc.
3537 E. Olympic Blvd. (23)
Phone: AN 3-3848
658. Nicholson File Co.
1601 Nadeau St. (1)
P. O. Box 71705
Phone: LU 5-2124
659. North Amer. Viking Drill Co.
5522 W. Washington Blvd. (16)
Phone: WE 4-1223
660. Nupia Mfg. Co.
1921 Campus Rd. (4)
Phone: CL 6-4206
661. Oakite Products Inc.
South Pacific Coast Div.
1001 E. 1st St. (12)
Phone: MA 5-1544
662. Ohio Crankshaft Co., The
3404 E. Olympic Blvd. (23)
Phone: AN 2-5624
663. Ohio Knife Co., The
1412 Santa Fe Ave. (21)
Phone: MA 2-8785
664. Oilgear Co., The
5327 Santa Monica Blvd. (29)
Phone: HO 5-3943
665. Olsen Co., The
5341 Santa Monica Blvd. (29)
Phone: HO 7-4231
666. Olympic Machinery Co.
1961 S. Santa Fe Ave. (21)
Phone: MA 7-7311
667. Osborn Mfg. Co., The
5411 Whittier Blvd. (22)
Phone: RA 3-4642
668. Pacific Abrasive Supply Co.
2670 Leonis Blvd. (58)
Phone: LU 3-4101
669. Pacific Bearings Co.
1210 S. Hope St. (15)
670. Pacific Metals Co. Ltd.
2187 S. Garfield Ave. (22)
671. Pacific Plant
200 E. Slauson Ave. (54)
Phone: AD 3-3131
672. Pacific Saw & Supply Co.
6911 Santa Monica Blvd. (48)
Phone: OL 5-6391
673. Pacific States Supply Co.
440 E. 58th St. (11)
674. Patenbach & Co., C. A.
3220 E. Olympic Blvd. (23)
Phone: AN 8-3304
675. Palmgren Steel Products
3505 E. Olympic Blvd. (23)
676. Parker-Hannifin Corp.
5827 W. Century Blvd. (45)
Phone: SP 6-1129
677. Peck-Lewis Corp.
4436 Long Beach Ave. (58)
Phone: AD 3-7146

LOS ANGELES (cont.)

678. Pennsalt Chemicals Corp.
2700 S. Eastern Ave.
(22)
Phone: RA 3-9711
679. Percival Steel & Supply Co.
4600 Santa Fe Ave. (58)
Phone: LU 7-1151
680. Perfecting Service Co.
2823 Kelson Ave. (64)
Phone: BR 2-4913
681. Pioneer Tool & Supply Co.
2398 E. 8th St. (23)
Phone: BR 2-4913
682. Piser & Walters Machinery Co.
714 W. Olympic Blvd. (15)
Phone: RI 9-0692
683. Poleas, Virgil P.
Box 8537, Crenshaw Station (8)
Phone: AX 3-4571
684. Porter-Cable Machine Co., The
2400 S. Grand Ave.
Phone: RI 9-0386
685. Post Co., Frederick
2839 S. Tananger St. (22)
Phone: RA 3-9271
686. Pratt & Whitney Co. Inc.
3016 E. Olympic Blvd. (23)
Phone: AN 3-7506
687. Precision Tool Sales
6812 S. Western Ave. (47)
Phone: PL 3-3321
688. Premco Inc.
5470 Valley Blvd. (32)
Phone: CA 2-0167
689. Priest, Robert L.
2477 Sawtelle Blvd. (64)
Phone: BR 2-0962
690. Proto Tool Co.
2209 Santa Fe Ave. (54)
Phone: LU 9-3311
691. Purolator Products Inc.
3723 Wilshire Blvd., Studio 3
Phone: DU 2-8213
692. Quality Control Co.
1566 N. Western Ave. (27)
Phone: HO 9-5385
693. R-P & C Valve Div.
Amer. Chain & Cable Co. Inc.
6800 E. Acero St. (22)
Rapiant of Calif. Inc.
429 S. Western Ave. (5)
Phone: DU 7-6244
695. Rawlins Bros. Inc.
5959 S. Alameda St. (54)
Phone: LU 8-8221
696. Reed & Assoc., W. E.
1016 S. Hill St. (13)
Reed Prentice Div.
Package Machinery Co.
1213 N. Highland Ave.
Phone: HO 5-3349
- 697A. Reliance Electric & Engrg. Co.
2557 Yates Ave.
Phone: RA 3-8454
698. Renfro, Thomas L.
704 S. Spring St. (14)
Phone: MA 2-0838
699. Republic Steel Corp.
823 Mobil Bldg. (17)
Phone: MA 4-5144
700. Republic Supply Co.
2600 S. Eastland Ave. (54)
Phone: RA 3-2511
701. Reynolds Metals Co.
3540 Wilshire Blvd. (5)
Phone: DU 1-3511
702. Richter Engrg. Co.
2311 E. 8th St. (21)
Phone: MA 7-3469
703. Rising Inc., H. G.
151 N. Vermont Ave.
Phone: HO 7-4231
704. Rochlin Co.
1300 S. Soto St. (23)
Phone: AN 8-6080
705. Rotor Tool Co., The
5341 Santa Monica Blvd. (29)
Phone: HO 7-4231
706. Rueger Co.
1335 S. Hill St. (15)
Phone: RI 8-6371
707. Russell, Burdall & Ward
Bolt and Nut Co.
4466 Worth St. (63)
Phone: AN 2-2165

708. Russell, Holbrook & Henderson Inc.
2940 Supply Ave. (22)
Phone: OV 5-8969
709. Ryerson, Ivan J.
7543 Santa Monica Blvd. (46)
Phone: HO 4-1857
710. Ryerson & Son Inc., J. T.
4310 E. Bandini Blvd. (54)
P. O. Box 3817
Phone: AN 2-6141
711. S. C. O. Tool Co.
3236 E. Olympic Blvd. (23)
P. O. Box 23611, Lugo Sta.
Phone: AN 8-2551
712. SKF Industries Inc.
3131 S. Hill St. (7)
Phone: RI 9-3168
713. S & S Machinery Co.
6945 Bandini Blvd. (22)
Phone: RA 3-9231
714. Sallen, E. G.
6049 W. 75th St. (45)
Phone: OS 6-4980
715. Sandvik Steel Inc.
3338 S. Malt Ave. (22)
Phone: RA 3-9116
716. Satellite Tool & Supply Co.
1306 S. Lorena St. (23)
Phone: AN 8-8394
717. Schaller Co., J. J.
6330 Alhambra Ave.
Phone: GA 3-1254
718. Scheidel, John
4814 Loma Vista Ave. (58)
(58)
Phone: LU 8-9200
719. Scherr-Tumico Co.
3337 W. Olympic Blvd. (19)
Phone: RE 1-8777
720. Schramm Inc.
846 E. 6th St. (21)
Phone: DU 8-2391
721. Schumann Equip. Co.
5392 Alhambra Ave. (32)
Phone: CA 5-2468
722. Sciaky Bros. Inc.
2311 Purdue Ave. (64)
Phone: BR 2-7871
723. Seaboard Machinery Co.
3212 E. Olympic Blvd. (23)
Phone: AN 3-4188
724. Selas Corp. of Amer.
1901 W. 8th St. Suite 110 (57)
Phone: DU 8-2391
725. Severance Tool Inc.
1332 W. Slauson Ave. (44)
Phone: PL 3-1524
726. Sheffield Western Corp.
2415 S. Broadway (7)
Phone: RI 8-5134
727. Simonds Pump Co.
455 E. 4th St. (13)
Phone: MA 8-8221
728. Skandia Tool Sales
3507 E. Olympic Blvd. (23)
Phone: AN 3-7479
729. SKIL Corp.
2730 S. Broadway (7)
Phone: RI 8-1171
730. Slater Co., Paul B.
2505 S. Yates Ave. (22)
Phone: RA 3-7251
731. Smit & Co. Inc., Anton
1704 W. Manchester Blvd. (47)
Phone: PL 8-9403
732. Snap-on Tools Corp.
1717 W. 6th St. (17)
Phone: DU 8-3445
733. South Chester Corp.
115 W. 7th St. (14)
Phone: MA 7-0703
734. Southwestern Agencies
923 E. 3rd St. (13)
Phone: MA 6-3297
735. Spaulding Fibre Co. Inc.
1325 San Julian St. (15)
Phone: RI 8-7341
736. Spaulding Fibre Co. Inc.
8124 S. Western Ave. (47)
Phone: PL 3-5439
737. Spence, E. M.
2720 S. San Pedro St. (11)
Phone: AD 2-4261
738. Sperry Products Co.
3258 E. Washington Blvd. (22)
Phone: AN 3-7722

LOS ANGELES (cont.)

739. Stainless and Strip Div.
Jones & Laughlin Steel Corp.
Continental National Group Bldg.
2975 Wilshire Blvd. (5)
Phone: DU 8-2411
740. Standard Diamond Tool Corp.
P. O. Box 46563, Cole Branch
Phone: RA 3-9541
741. Standard Engrg. Co.
115 E. 23rd St. (11)
Phone: RI 8-1159
742. Standard Oil Co.
Western Operations Inc.
P. O. Box 2437, Terminal Annex (54)
Phone: MA 4-2711
743. Standard Tool Co.
1001 S. Goodrich Blvd. (22)
Phone: RA 3-9541
744. Starr, W. E.
1226 S. Atlantic Blvd. (22)
Phone: AN 1-9204
745. Starrett Co., L. S.
5946 E. Washington Blvd. (22)
Phone: OV 5-8840
746. Steele Co., W. H.
1612 W. Beverly Blvd. (26)
Phone: MA 4-3244
747. Sterling Electric Motors Inc.
5401 Telegraph Rd. (22)
Phone: RA 3-6211
748. Stevenson Co., E. A.
407 Molino St. (21)
Phone: MA 4-2272
749. Summerill Tubing Co.
1025 E. 16th St. (21)
Phone: RI 9-8326
750. Surveyors Service Co.
2021 S. Grand Ave. (7)
Phone: RI 7-0606
751. Swanton Inc., Harold R.
325 W. 17th St. (15)
Phone: RI 9-8114
752. Sweet & Son, Ray R.
9413 W. 3rd St. (48)
Phone: WE 9-5882
753. Sweetland Co., E. D.
5403 Sheila St. (22)
Phone: RA 3-0117
754. Sun Machinery Co.
1910 Santa Fe Ave.
Phone: MA 7-8171
755. Sundmark Supply Co.
6525 Compton Ave. (1)
Phone: LU 7-7121
756. Texaco Inc.
3350 Wilshire Blvd. (5)
Phone: DU 5-0515
757. Thackaberry Inc., M. N.
1300 S. Soto St. (23)
Phone: AN 8-3111
758. Thomas Machinery Co., Art
2820 Leonis Blvd. (58)
Phone: LU 2-5373
759. Thor Power Tool Co.
6200 E. Slauson Ave. (23)
Phone: OV 5-8080
760. Thorson Co., The
7361 Melrose Ave. (46)
Phone: FR 3-1046
761. Timken Roller Bearing Co., The
2727 S. Flower St. (7)
Phone: RI 7-4141
762. Tivy, George S.
2230 S. 11th St. (6)
Phone: DU 7-1158
763. Tool & Abrasive Supply Inc.
809 E. Slauson Ave. (11)
Phone: AD 2-5203
764. Tornquist Machinery Co.
3825 Santa Fe Ave. (58)
Phone: LU 9-5551
765. Trimpe Co., L. H.
5374 Huntington Dr., S.
Phone: CA 3-1329
- 765A. Tri-State Supply Corp.
544 S. San Pedro St. (13)
Phone: MA 5-2354
766. Tucker, William T.
Figueroa Theatre Bldg.
508 W. Santa Barbara Ave. (37)
Phone: AD 4-4848

CALIFORNIA

767. Tuthill, Richard
11828 Gosham Ave.
Phone: GR 3-1439
768. Twin Disc Clutch Co.
2950 Leonis Blvd. (58)
Phone: LU 3-3309
769. Uddeholm Co. of Amer. Inc.
5037 Telegraph Rd. (22)
Phone: AN 2-5121
770. Ultralab Co.
6553 S. Vermont Ave. (44)
Phone: PL 3-9844
771. Union Carbide Plastics Co.
2770 Leonis Blvd. (58)
Phone: LU 3-3061
772. Union Hardware & Metal Co.
5555 Ferguson Drive (2)
Phone: RA 3-2411
773. Union Twist Drill Co.
3675 E. Olympic Blvd.
Phone: AN 3-2131
774. United Machine Tool Co.
3630 Santa Fe Ave. (58)
Phone: LU 9-5091
775. U. S. Gauge Div.
11973 San Vicente Blvd.
Phone: GR 2-9584
776. U. S. Gypsum Co.
2322 W. 3rd St. (54)
Phone: DU 8-1171
777. Universal-Cyclope Steel Corp.
7046 Hollywood Blvd., Suite 208-09 (28)
Phone: HO 4-9191
778. Utilities Supply Co.
2852 Supply Ave.
Phone: FL 4-2971
779. Valenite Metals
10221 S. Western Ave.
Phone: FL 4-2971
780. Valvoline Oil Co.
3606 Union Pacific Blvd. (23)
Phone: AN 9-8201
781. Veeder-Root Inc.
328 E. Washington Blvd. (15)
Phone: RI 9-2371
782. Victor Equip. Co.
3821 Santa Fe Ave. (58)
Phone: AN 1-1191
783. Wach Sales Co., T. J.
1529 W. 95th St. (47)
Phone: FL 6-0666
784. Wagner Hydraulic Equip. Co.
10614 Santa Monica Blvd. (25)
Phone: BR 2-2091
785. Wagner Machinery Co.
1228 Rio Vista Ave. (23)
Phone: AN 1-1191
786. Waldes Kohinoor Inc.
423-427 E. 12th St. (15)
Phone: RI 9-8271
787. Wales Strippl Inc.
6440 E. Corvette St. (22)
Phone: OV 5-8259
788. Walker & Roebuck
1154 S. Lorena St. (23)
Phone: AN 8-1741
789. Warburg Co., The Ed
1207 E. 9th St.
Phone: MA 7-1126
790. Warner & Swasey Co., The
3340 Leonis Blvd. (58)
Phone: LU 2-5341 and 2-6741
791. Warren & Bailey Co.
3528 S. Garfield Ave. (22)
Phone: RA 3-7181
792. Warren Co., C. W.
646 N. Fuller Ave. (36)
Phone: WE 4-2122
793. Weber, Wright, Sims
1834 S. Flower St. (15)
Phone: JU 5-3338
794. Welders Supply Co.
8655 S. Alameda St. (2)
Phone: AN 1-7117
795. Weirtonic Co.
7870 S. Western Ave.
Phone: PL 8-1520
796. West Chemical Products Inc.
2110-14 E. 37th St. (58)
Phone: AN 1-7117

SALES OFFICES

CALIFORNIA

LOS ANGELES (cont.)

- 798. Western District Sales
8402 1/2 Lincoln Blvd. (45)
Phone: SP 6-1770
- 799. Westinghouse Air Brake
Co.
994 Pacific Electric Bldg.
610 S. Main St. (14)
Phone: MA 4-9719
- 800. Weston Instruments Div.
2001 S. Grand Ave. (7)
Phone: RI 9-2361
- 801. Wheel Industries Inc.
2600 S. Santa Fe Ave. (58)
Phone: CA 1-0998
- 802. Wheel Truening Tool Co.
5560 Alhambra Ave. (32)
Phone: CA 1-0998
- 803. Whitman & Barnes
5226 E. Washington Blvd.
(22)
Phone: AN 8-3595
- 804. Wiley Welding Supply Inc.
2410 W. Vernon Ave. (8)
Phone: AX 2-0341
- 805. Willard Engrg. Co.
2709 S. Hill St. (7)
Phone: RI 7-6538
- 806. Williams & Co., J. H.
2266 E. 38th St. (58)
Phone: LU 3-2254
- 807. Wills Machinery Co., W. T.
2720 E. Olympic Blvd. (23)
Phone: AN 3-6827
- 808. Winter Brothers Co.
3671 E. Olympic Blvd. (23)
Phone: AN 9-0309
- 809. Wolf Machinery Co., W. F.
2910 Santa Fe Ave. (58)
Phone: LU 2-6236
- 810. Wolff Co., Mahlon
819 N. Hobart
Phone: HO 7-8577
- 811. Wright-Holst Div.
6800 E. Acco St. (22)
Phone: DU 4-1274
- 812. Wright & Co., Norman S.
625 N. Alvarado St. (26)
Phone: DU 4-1274
- 813. Yale & Towne Mfg. Co., The
5771 E. Olympic Blvd. (22)
Phone: RA 3-9761
- 814. Youst, Harlan A.
4197 Leimert Blvd. (8)
Phone: AX 2-0976
- 815. Zells, Carl
1108 Olympic Blvd.
Phone: ZL 8-0561

LOS CATOS

- 817. Williamson, G. H.
18265 Daves Ave.
Phone: EL 4-1858

LYNWOOD

- 818. Lafferty Co., J. W.
11371 S. Atlantic Ave.
Phone: NE 6-1828
- 819. Malloy, Daniel F.
11648 Atlantic Ave.
Phone: NE 3-0804
- 820. Owen and Assoc., W. A.
10419 Long Beach Blvd.
Phone: LO 7-8887
- 821. Western Gear Corp.
2690 E. Imperial Hwy.
Phone: NE 6-0911

MARTINEZ

- 822. Ingersol, Norman D.
216 Carolos Dr.
Phone: MU 5-1838

MAYWOOD

- 823. Bearings Belts & Chains
4035 E. 32nd St.
- 824. Bearing Specialty Co.
4610 Slauson
Phone: LU 8-2245
- 825. Dick Co. Inc., R. & J.
5276 Atlantic Blvd.
Phone: LU 3-4104
- 826. Lockwood, Paul
3654 E. Slauson Ave.
Phone: LU 8-0914

- 828. Vanadium-Pacific Steel Co.
4019 E. 32nd St.
Phone: LU 5-0907
- 829. Vascoloy-Ramet Corp.
6627 Atlantic Blvd.
Phone: LU 2-6233
- 830. Waterbury Farrel Foundry
& Machine Co.
4757 E. Slauson Ave.
Phone: LU 1-4614

MENLO PARK

- 831. Ault Assoc., C. E.
120 Santa Margarita Ave.
Phone: DA 6-1760
- 832. Shiell & Co., T. J.
1036 Sonoma Ave.
Phone: DA 2-7765

MILLBRAE

- 833. De Laval Pacific Co.
201 E. Millbrae Ave.
Phone: OX 7-4001
- 834. Fafnir Bearing Co., The
26 Hollins Rd.
Phone: OX 7-1244

MIRALESTE

- 835. Hagg, W. F.
2136 Santa Rena Dr.
Phone: OS 6-4980

MODESTO

- 836. Geiger Iron Works Inc.
124 Willow St.
P. O. Box 1928
- 837. Lift Truck Service Corp.
319 Grand Ave.
Phone: LA 2-1886
- 838. Livingston Oxygen &
Equip. Co.
P. O. Box 3202
- 839. Slakey Bros. Modesto Inc.
525 Kansas Ave.

MONROVIA

- 840. Elgin National Watch Co.
365 Norumbega Dr.
Phone: MU 1-8127
- 841. Gates, H. C.
144 N. Lincoln Pl.
- 842. Hoagland & Co.
839 Crescent Dr.
Phone: EL 8-1207
- 843. Lindman, Stan F.
143 E. Foothill Blvd.
Phone: EL 9-3083
- 844. Porter Co. Inc., H. K.
Carlson Rules Works
1617 S. California Ave.
Phone: EL 8-4563
- 845. Taylor, J. R.
1832 S. 8th Ave.
Phone: DO 7-3130

MONTEBELLO

- 846. Axelson Co., J. L.
2449 W. Beverly Blvd.
Phone: OV 5-8570
- 847. DeCastro & Assoc.
1301 Olympic Blvd.
Phone: RA 3-9477
- 848. Hydraulic Equip. Co.
1208 S. Vail
Phone: RA 3-1139
- 849. Metropolitan Supply Co.
1153 S. Greenwood Ave.
Phone: RA 3-9321,
PA 8-0137
- 850. Wall Colmonoy Corp.
1565 Bluff Rd.
Phone: OV 5-7370
- 851. Westates Tool & Supply Co.
3102 W. Beverly Ave.
Phone: OV 5-7540

MONTEREY PARK

- 852. Mitchell Machinery Co.,
A. T.
1100 S. Atlantic
- 853. Pipe Machinery Co.
955 Monterey Pass Rd.
Phone: AN 8-1381
- 854. R. & O. Tool Co.
243 E. Pomona Blvd.
Phone: RA 3-1115
- 855. Southern Calif. Machinery
Co.
237 E. Garvey Ave.
Phone: CU 3-2648

MOUNTAIN VIEW

- 856. Eitrem Co., Robert
177 Evelyn Ave.
Phone: WH 8-8349
- 857. Harris & Assoc., Robert D.
2424 Tamalpais St.
Phone: YO 8-5235
- 858. Masterson Bearing Co.
335 Evelyn Ave.
- 859. Pacific Abrasive Supply Co.
P. O. Box 187
Phone: YO 8-6511

NATIONAL CITY

- 860. Ducommun Metals & Sup-
ply Co.
1300 Wilson Ave.
P. O. Box L
Phone: GR 7-3141

NEWPORT BEACH

- 861. Newport Supply Co.
2700 W. Coast Hwy.
Phone: LI 8-9331
- 862. Rosan Inc.
2901 W. Coast Hwy.
Phone: LI 8-5533
- 863. Whitefield, Harry A.
2361 Bayshore Dr.
Phone: LI 8-6930

NILES

- 864. Amchem Products Inc.
P. O. Box 698
Phone: SY 7-1430

NORTH HOLLYWOOD

- 865. Altman Sales Co.
12121 Tiara St.
Phone: TR 7-3530
- 866. Automation Corp. of Amer.
5546 Satsuma Ave.
Phone: TR 7-5493,
PO 6-1692
- 867. Crane Packing Co.
11905 Sherman Way
Phone: FO 5-6436
- 868. Curtiss-Wright Corp.
7230 Varna St.
Phone: FO 4-6385
- 869. Gartner, J. S.
P. O. Box 296
- 870. General Industrial Tool &
Supply
12517 Sherman Way
Phone: ST 2-2529
- 871. Nicholas, Paul
12762 Van Owen
- 872. Numatic Engrg.
11224 Burbank Blvd.
Phone: ST 7-0114
- 873. Richey Air Sales
10816 Burbank Blvd.

NORTHBRIDGE

- 874. Honings, Peter V.
18023 Sunburst St.
Phone: DI 2-8532
- 875. "POP" Rivet Div.
United Shoe Machinery
Corp.
8835 Balboa Blvd.
Phone: DI 2-0917

NORTH SACRAMENTO

- 876. Industrial & Abrasive Sup-
ply Co.
1011 Del Paso Blvd.
Phone: WA 5-1995
- 877. Lift-All Inc.
2600 Harvard St.
Phone: WA 2-7371
- 878. Western Asbestos Co.
230 Acoma St.
Phone: WA 2-4714

NORWALK

- 879. Freeling, Jr., Elmer E.
15433 Sylvanwood
Phone: UN 4-2481
- 880. Ipsen Industries Inc.
14865 Firestone Blvd.
Phone: LA 2-2831
- 881. Whiting Corp.
14426 S. Bloomfield Ave.
Phone: UN 4-2776

OAKLAND

- 882. Aaron Machinery Co. of
Calif. Inc.
294 Hegenberger Rd.

- 883. American Pulley Co., The
800 51st Ave.
Phone: AN 1-9081
- 884. Baker & Hamilton
3rd and Market St.
Phone: GL 2-2662
- 885. Banner Co., The
1844 E. 12th St. (6)
- 886. Bearing Engrg. Co.
1019 Harrison St.
Phone: TW 3-2251
- 887. Bearing Industries Inc.
181 10th St.
Phone: GL 2-2919
- 888. Bellman, Leo
5449 Manilla Ave. (11)
- 889. Bergren Steel Corp.
841 73rd Ave. (21)
Phone: LO 2-2933
- 890. Boston Gear Works
4770 San Pablo Ave. (8)
Phone: OL 4-4687
- 891. Bues Production Equip. Co.
1416 46th Ave. (1)
Phone: KE 6-1181
- 892. Burror Co., L. L.
1126 8th Ave.
- 893. Chubco Co.
555 High St. (1)
Phone: KE 2-7392
- 894. Coast Tool Co.
6048 College Ave. (18)
Phone: OL 8-4337
- 895. Culver, Warren
555 5th Ave.
Phone: HI 4-5128
- 896. Delco Products Div.
1250 53rd St. (8)
Phone: OL 5-5731
- 897. Delta Equip. Agency
2801 San Pablo Ave. (12)
Phone: TE 2-6678
- 898. Denham Sales Co., E. P.
293 28th St. (12)
Phone: TW 3-6713
- 899. Dependable Machinery Co.
1011 Harrison St. (7)
- 900. Ditzgen Engrg. & Sales Co.
6002 Telegraph Ave. (9)
- 901. Dow Corning Corp.
5653 College Ave. (18)
Phone: OL 8-0836
- 902. Fuller Brush Co., The
959 Grace Ave. (8)
- 903. General Electric Co.
409 13th St. (12)
- 904. General Machinery Supply
Co.
1680 14th St. (7)
Phone: TW 3-1828
- 905. Green Co., Leland E.
600 16th St. (12)
Phone: TE 8-1880
- 906. Haven Machinery & Supply
Co. (6)
950 E. 14th St. (6)
Phone: TE 4-9110
- 907. Haven Saw & Tool
950 E. 14th St. (6)
- 908. Hewitt, Geo.
5818 E. Van Buren (8)
Phone: LO 8-3542
- 909. Hickerson, Norman S.
P. O. Box 608 (4)
Phone: TE 2-6225
- 910. Howard Supply Co.
61 Madison St. (4)
P. O. Box 1107
- 911. Huckle, Don
25 Crocker Ave. (11)
Phone: OL 5-2008
- 912. Hyatt Bearings Div.
Central Bank Bldg.
436 14th St. (12)
Phone: TW 3-3563
- 913. Industrial Bearing Sales
Inc.
52 9th St. (7)
Phone: GL 2-4220
- 914. Industrial & Foundry Sup-
ply Co.
2500 Union St. (7)
Phone: GL 2-1226
- 915. Johnson Bronze Co.
3101 Adeline St. (8)
Phone: OL 5-4500
- 916. Kaiser Aluminum & Chem-
ical Sales Inc.
300 Lakeside Dr. (12)
Phone: CR 1-2211
- 917. Key Equip. Co.
6323 San Pablo Ave. (8)

SALES OFFICES

OAKLAND (cont.)

- 918. Kushman Co., Geo. A.
2003 E. 14th St. (4)
P. O. Box 1557
- 919. Le Roi Div.
Room 811, Easton Bldg.
428 13th St. (12)
Phone: TE 2-2842
- 920. Lewis, Assoc., Dean
4385 Piedmont Ave.
Phone: OL 4-0613
- 921. Lifton Inc.
6601 San Leandro St. (21)
Phone: SW 8-9100
- 922. Linney Co., H. E.
5801 College Ave. (18)
Phone: OL 3-3161
- 923. Marquette Mfg. Co.
909 King St. (6)
Phone: KE 4-3234
- 924. Master Power Corp.
2107 E. 14th St. (6)
Phone: GL 2-0236
- 925. Mead Northwestern Co.
1606 E. 14th St.
Phone: KE 4-4390
- 926. Mechanics Tool & Supply Co.
33 Hegenberger Ct. (21)
Phone: LO 2-7000
- 927. Mechanics Tool & Supply Co.
495 3rd St. (7)
Phone: GL 2-4800
- 928. Midcoast Machine Tool Inc.
1043 W. MacArthur Blvd.
(8)
Phone: OL 4-3617
- 929. Moody, Sweasey & Rowe
2510 Filbert St. (7)
- 930. N. J. Zinc Co., The
95 Market St.
- 931. Nor-Cal Supply Co.
Oakland Airport (14)
Phone: LO 9-3121
- 932. Oakland Plumbing Supply Co.
309 4th St. at Harrison
(7)
Phone: GL 1-6424
- 933. O. E. M. Sales Co.
5247 San Pablo Ave. (8)
- 934. Ohio Knife Co., The
600 16th St.
Phone: GL 1-1174
- 935. Otrich Co.
3664 Grand Ave. (10)
Phone: TE 2-3781
- 936. Pacific Reamer & Tool Co.
4115 Broadway (11)
- 937. Pacific Tool & Supply Co.
251 8th St. (7)
Phone: TE 2-3240
- 938. Parsons Co., Edward L.
600 16th St. (12)
Phone: TW 3-1577
- 939. Philpott Co. Inc., George M.
2928 Poplar St. (8)
Phone: JU 9-1010
- 940. Reuland Electric Co.
1240 E. 12th St. (6)
Phone: KE 4-2233
- 941. Rockwell Mfg. Co.
2431 Peralta St. (7)
Phone: TW 3-1151
- 942. Rucker Co., The
4700 San Pablo Ave. (8)
Phone: OL 3-5221
- 943. Scotten, Ed L.
2578 West St. (12)
Phone: TE 2-6225
- 944. Short Co., Thos. A.
3430 Wood St. (8)
Phone: OL 5-6557
- 945. Simon Hardware Co.
800-24 Broadway (7)
- 946. Smith Co., Claude B.
844 E. 12th St. (6)
Phone: TE 2-0103
- 947. Snap-on Tools Corp.
2605 Market St. (7)
Phone: HI 4-5986
- 948. Standard Saw Works
177 107th St. (7)
Phone: TE-5856
- 949. T-G Forklift Sales Co.
699 4th St. (7)
Phone: TW 3-3668
- 950. West Chemical Products Inc.
1490 60th St. (8)

- 951. Western Asbestos Co.
251 5th Ave. (6)
- 952. Western Electro-Mechanical Co. Inc.
300 Broadway (7)
Phone: TE 2-8653
- 953. Western Tool & Supply Co.
4541 Oakport St. (1)
Phone: KE 3-4686

ONTARIO

- 954. A & R Equip. Co.
5498 Mission Blvd.
955. Valley Industrial Supply Co.
1170 W. Holt St.
Phone: YU 6-3827

ORANGE

- 956. Packer, Gordon F.
2305 W. Palm Ave.

ORANGEVALE

- 957. Brennan-Hamilton Corp.
2346 Greenback Lane
- 958. S. C. O. Tool Co.
8964 Greenback Lane

ORINDA

- 959. Dumble, Leslie T.
214 Giorletta Blvd.
Phone: CL 4-5384

OXNARD

- 960. Barnes-Duff Supply Co.
1430 S. Oxnard Blvd.
- 961. Coast Tools Inc.
749 S. Oxnard Blvd.

PACIFIC PALISADES

- 962. Allen, J. E.
727 Chapala Dr.
Phone: GL 4-6325
- 963. Brown, C. Ed.
1014 Glenhaven Dr.
P. O. Box 206
- 964. Tubular Rivet & Stud Co.
401 via de La Paz
Phone: GL 4-7272

PACIFICA

- 965. Friend, David C.
816 Alta Vista Dr.
Phone: EL 9-2963

PACOIMA

- 966. Reardon, Earl L.
13964 Garber St.
Phone: EM 9-7838
- 967. Strickland Precision Tool Sales, A. C.
13268 Wingo St.
Phone: TE 9-1526,
EM 9-1751

PALO ALTO

- 968. Airsupply Co.
230 Town & Country Village
Phone: DA 2-9004
- 969. Bliss Co., E. W.
4041 Transport St.
Phone: DA 1-4635
- 970. Corilas, John L.
1815 Hamilton Ave.
Phone: DA 3-3116
- 971. Doot & Co., D. J.
877 Lincoln Ave.
Phone: DA 5-2246
- 972. Ellenje Co., The
345 California Ave.
Phone: DA 6-1635
- 973. Herrmann Assoc., Carl
P. O. Box 1179
Phone: DA 6-8033
- 974. Hughes Co. Inc., R. S.
564 College Ave.
Phone: DA 6-2922
- 975. Kearfott Div.
General Precision Inc.
991 Commercial St.
- 976. Lease, John H.
Box 246, Station A
Phone: VA 6-2122
- 977. Mfg. Assoc.
201 Town & Country Village
Phone: DA 6-9931
- 978. Rensen Machinery & Tooling Co.
2551 Emmett Way
Phone: DA 2-4798
- 979. Rudat & Ewing
636 Waverley St.
- 980. Thorson Co., The
2443 Ash St.
Phone: DA 1-3414
- 981. Wachtel, Emil
1921 University Ave.
Phone: DA 1-2430
- 982. Zimmerman Co., W. E.
201 Town & Country Village
Phone: DA 1-3008

PALOS VERDES

- 983. Indiana Gear Works Inc.
3251 Rolling Ridge
P. O. Box 966
Phone: FR 5-7597

PALOS VERDES ESTATES

- 984. Jessup Engrg. Co.
3900 Via Campesina
Phone: FR 5-0023

PARAMOUNT

- 985. Amer. Brass Co., The
14900 Garfield Ave.
Phone: NE 6-0321
- 986. Cain, Harry
15132 Vermont
Phone: NE 6-8554
- 987. Sales Engineers Ltd.
7919 Monroe St.
Phone: NE 6-8959

PASADENA

- 988. Alford, Theodore C.
2805 E. Foothill Blvd.
Phone: MU 1-7143
- 989. Brenner Co.
35 N. Raymond Ave. (1)
Phone: MU 1-8322
- 990. Carkeek Engrg. Co.
285 S. Euclid Ave.
P. O. Box 1147M
Phone: RY 1-5412
- 991. Chicago Rawhide Mfg. Co.
490 E. Walnut St.
Phone: MU 1-7653
- 992. Dahl Gage & Supply Co.
1143-1145 S. Far Oaks Ave.
Phone: R 1-2828
- 993. Driazo Corp.
35 N. De Lacy St.
Phone: MU 1-7100
- 994. Foothill Tool & Machinery Co.
2300 E. Colorado Blvd.
Phone: RY 1-8926
- 995. Haserot, C. L.
2736 E. Walnut St.
Phone: MU 1-7819
- 996. Heinze Co., A. G.
2807 E. Foothill Blvd.
P. O. Box 271M
Phone: MU 1-7474
- 997. Herrmann Assoc., Carl
551 E. Walnut St.
Phone: RY 1-5990
- 998. Kearfott Div.
General Precision Inc.
253 N. Vinedo Ave.
- 999. Kimball, Raymond
35 N. Raymond Ave.
Phone: MU 1-9717
- 1000. La Salle Steel Co.
15 N. Euclid Ave. (1)
Phone: MU 1-7753
- 1001. Lloyd Tool Corp.
3300 E. Colorado Blvd.
(1)
Phone: RY 1-4776
- 1002. Mac-It Parts Co.
35 N. Raymond Ave. (1)
Phone: MU 1-9349,
MU 1-8322
- 1003. Magnetix Inc.
3841 E. Colorado Blvd.
(1)
Phone: MU 1-7457
- 1004. Martin, Louis D.
553 E. Walnut St.
Phone: MU 1-8127
- 1005. McDowell Co.
1458 N. Allen Ave.
P. O. Box 38C
Phone: SY 8-5289
- 1006. Natural Gas Equip. Inc.
804 S. Fair Oaks Ave. (2)
P. O. 2297D
Phone: MU 1-9621

CALIFORNIA

- 1007. Pangborn Corp.
318 Western Bank Bldg.
(1)
Phone: MU 1-8715
- 1008. Pasadena Equip. & Supply Co.
2368 E. Foothill Blvd.
Phone: RY 1-6617
- 1009. Precision Machinery Sales
29-31 E. Holly St. (18)
Phone: RY 1-8414
- 1010. Regan, R. E.
1446 E. Walnut
- 1010A. Sales Eng. Service Inc.
253 N. Fair Oaks Ave.
Phone: MU 1-5144
- 1011. Specifix Co.
555 E. Walnut St. (1)
Phone: MU 1-8830
- 1012. Stokes Corp., F. J.
Prudential Bldg.
15 N. Euclid Ave.
Phone: MU 1-8619
- 1013. Thackaberry Inc., M. N.
1670 E. Walnut St. (4)
Phone: SY 3-2149
- 1014. Western Coating Co.
85 W. Union St.
Phone: MU 1-7828
- 1015. Western Gear Corp.
132 W. Colorado Blvd.
Phone: MU 1-6604
- 1016. Whitehead Industrial Sales
794 E. Walnut St.
- PICO**
- 1017. Diamond Machine Tool Corp.
5111 Coffman-Pico Rd.
Phone: RA 3-8254
- PICO-RIVERA**
- 1018. Rutland Tool & Supply Co.
9048 E. Washington Blvd.
Phone: RA 3-9581
- PIEDMONT**
- 1019. Hucks, Don
25 Crocker Ave. (11)
Phone: OL 5-2008
- 1020. Wells, C. R.
9 Parkside Dr. (11)
- PLAYA DEL REY**
- 1021. Stark Co., Harold L.
7515 Rindge Ave.
Phone: EX 1-4707
- PLEASANT HILL**
- 1022. King, Myron A.
103 Burns Court
- 1023. Pleasant Hill Products
832 Grayson Rd.
- POMONA**
- 1024. Dynapak Convoir
1243 Transit Ave.
Phone: NA 3-1561
- 1025. Industrial Measurement Sales
445 N. Carey
- 1026. Metal Cutting Tool & Supply
443 E. 5th Ave.
Phone: NA 9-5910
- REDDING**
- 1027. Cascade Industrial Supply Inc.
4900 Hwy. 99, S.
Phone: CH 1-1262
- 1028. Gerlinger Steel Supply
1537 Sacramento St.
- 1029. Redding Industrial Electric Co.
3990 S. Hwy. 99
Phone: CH 3-1534
- REDONDO BEACH**
- 1030. Perkins, Jr., John D.
120 Paseo De Las Delicias
Hollywood Riviera
- REDWOOD CITY**
- 1031. Acme Machine Co.
404 "D" St.
Phone: EM 6-8227

SALES OFFICES

CALIFORNIA

REDWOOD CITY (cont.)

1032. Magnetics Inc.
1743 Maryland Ave.
Phone: EM 6-1216
1033. O'Hair & Co., P. E.
604 5th Ave.
P. O. Box 272
1034. Pacific Die & Tool Co.
2850 San Mateo Ave.
Riley Precision Tool Co.
690 Broadway
Phone: EM 8-4184

RIALTO

1036. Braun Co., Robert H.
1762 S. Sycamore
Phone: TR 7-0657

RICHMOND

1037. Richmond Industrial Supply
183 Fort Wayne Ave.
Tracerlab Inc.
2030 Wright Ave. (3)
Phone: BE 5-2633

RIVERA

1039. Rutland Tool & Supply Co.
9042 E. Washington Blvd.
Phone: RA 3-7074

RIVERSIDE

1040. Ken's Tool & Supply Co.
1643 La Cadena Dr.
Phone: OV 6-2542

ROSEMEAD

1041. Mallory & Co. Inc., P. R.
9121 E. Garvey Ave.

ROSS

1042. Corns, William M.
Baywood Ave.
Phone: GL 4-7286

SACRAMENTO

1043. Bearing House, The
318 16th St. (4)
Phone: GI 2-1087
1044. Brady-Holmes Co.
1817 "E" St. (14)
Phone: HI 4-8800
1045. Brunner & Lay - Western Inc.
7500 14th Ave.
Phone: GL 7-8522
1046. Capital Machine & Welding
83 N. 17th St.
Phone: HI 6-5848
1047. Carrier Corp.
Room 225, Forum Bldg.
1107 9th St. (14)
Phone: HI 6-5848
1048. Cutler-Hammer Inc.
1331 "T" St. (14)
Box 1462
Phone: GI 2-2351
1049. Disston Div.
H. K. Porter Co. Inc.
2006 Stover Way
Phone: GL 5-9752
1050. Geiger Iron Works Inc.
14th & "S" Sts.
1051. General Electric Co.
626 Forum Bldg. (14)
1052. Hammond Machinery & Supply Co.
3033 27th St.
1053. Haven Machinery and Supply Co.
2031 "J" St.
1054. Heleick & Moran Sacramento
20th & "V" Sts. (9)
P. O. Box 1862
Phone: GL 1-6501
1055. Moore's Welding Supply
1117 "G" St. (14)
1056. Murray Industrial Supply Co.
901 "T" St. (12)
Phone: GI 3-1985
1057. Norco Distributing
1329 Fee Dr.
P. O. Box 2631
1058. Oakite Products Inc.
7491 Carella Dr.
Phone: GA 8-6978

- 1058A. Reliance Electric & Engrg. Co.
2123 "J" St.
Phone: GI 8-1682
1059. Slakey Bros. Sacramento Inc.
1400 N. "C" St.
P. O. Box 1048
1060. Standard Oil Co. of Calif.
Western Operations Inc.
P. O. Box 151 (1)
Phone: GI 3-1751
1061. T-G Forklift Sales Co. of Sacramento
6390 Freeport Rd.
Phone: GA 8-3967
1062. Thomson Diggs Co., The
1801 2nd St. (4)
1063. Valley Elevator Co.
1806 "D" St. (14)
1064. Wright & Co., Norman S.
1102 "T" St. (14)
Phone: GI 1-3796
1065. Yordy Industrial Supply
200 27th St. (16)
Phone: HI 6-7555

SALINAS

1066. Western Plumbing Supply Co.
45 N. Main St.
P. O. Box 87.

SAN BERNARDINO

1067. Cox Welding Supply Co., Ted
175 S. Arrowhead Ave.
1068. General Electric Co.
337 N. Riverside Ave.
P. O. Box 127
1069. Portugal Oxygen Co.
23983 Hwy. 99.

SAN CARLOS

1070. Dalton Assoc., C. R.
1037 Laurel St.
Phone: LY 1-2654
1071. Dan-Mar Tool & Supply Co.
807 American St.
Phone: LY 1-2651
1072. Deere, Jerry
1575 Laurel St., Suite 3
Phone: LY 1-4423
1073. Doot Co., D. J.
907 American Ave.
1074. Electronic Engrg. Assoc. Ltd.
1295 Laurel St.
Phone: LY 3-2189
1075. House of Tools
915C Terminal Way
Phone: LY 1-4747
1076. Old & Son, James A.
917 Terminal Way
Phone: LY 1-8321
1077. Production Tool & Machine Co.
907 American St.
Phone: LY 1-0300
1078. Striker Co., John E.
P. O. Box 548
Phone: LY 1-0736
1079. Tools & Gages Inc.
915D Terminal Way
Phone: LY 1-5385

SAN DIEGO

1080. Acme Tool & Supply Co.
2745 Kettner Blvd. (1)
Phone: CY 8-7181
1081. Adroit Tool & Supply Co.
3304 30th St. (4)
Phone: CY 8-6195
1082. Airsupply Co.
3380 Harbor Dr. (6)
P. O. Box 6296
Phone: CY 8-3630
1083. All Bearing Service Inc.
1676 Main St. (12)
Phone: BE 3-3106
- 1083A. Allis-Chalmers
747 9th Ave. (1)
Phone: BE 2-7355
1084. Aviation Lubricants Co.
2361 India St. (12)
P. O. Box 1607
Phone: BE 9-5155
1085. Aztec Bearings, Chains Inc.
745 15th St.
1086. Bailey Equip. Co.
3856 California St. (1)
Phone: CY 5-5141

1087. Bellows-Valvair
3694 Kettner Blvd. (1)
Phone: CY 8-7223
1088. Brandt Sales Co.
2103 Moore St. (1)
Phone: CY 8-9934
1089. Braun Co., Robert H.
1210 Delevan St.
Phone: BE 2-7386
1090. Bridgeport Brass Co.
1122 4th Ave., Room 605 (1)
Phone: BE 4-7271
1091. Brookes Co. Inc., E. Jordan
3564 30th St.
Phone: CY 5-2161
1092. Bulav, M. E.
2587 Elyssee St. (11)
Phone: BR 7-4070
1093. Cashin-Tipton & Assoc.
3270 Rosecrans St. (10)
Phone: AC 2-0408
1094. Cleaves Co., The
3694 Kettner Blvd. (1)
Phone: CY 8-7223
1095. Curley, Donald
Box 151 (10)
1096. D & D Saw Works
3220 Euclid Ave.
1097. Dill Industrial
629 W. Market St.
1098. DoAll San Diego Co.
3684 Kettner Blvd. (1)
Phone: CY 5-2145
1099. Equip. Engrg. Co.
1470 India St. (1)
1100. Fraser, R. J.
3424 Bayside Walk (8)
Phone: BE 4-4911
1101. General Electric Co.
1240 7th Ave. (1)
P. O. Box 1222
1102. Given Machinery Co.
3928 Haines (9)
Phone: BE 4-2910
1103. Godfrey, Paul S.
1205 Cushman (10)
1104. Gould Hardware & Machinery Co.
2212 Main St. (13)
Phone: BE 9-9151
1105. Hammond Machinery & Supply Co.
3033 India St.
P. O. Box 1769 (12)
Phone: CY 8-6155
1106. Harron, Rickard & McCone
2655 Locust St. (6)
Phone: JU 3-0047
1107. Hocking, D. G.
709 Bank of America Bldg. (1)
Phone: BE 4-4911
1108. Hoffer Engrg. Co.
2015 Main St.
1109. Hoffman & Hearit
850 Gage Dr.
Phone: AC 2-3774
1110. Huddleston Equip. of San Diego
346 3rd Ave.
1111. Industries Supply Co. of San Diego
4th Ave. & "J" St. (12)
P. O. Box 2310
Phone: BE 9-0371
1112. King & Co., Irving G.
1646 India St. (1)
Phone: BE 3-5196
1113. Maltby Co. Inc., Edw. D.
745 15th St. (2)
Phone: BE 3-7278
1114. Mark-Costello Co., The
2103 Moore St.
Phone: CY 8-1971
1115. Marshall Co., G. S.
3525 5th Ave. (3)
Phone: CY 8-8234
1116. Metal Cutting Tool & Supply
2975 Upas St. (4)
Phone: CY 5-5409
1117. Micro Switch Div.
2153 Moore St. (1)
Phone: CY 8-8849
1118. Mil-Stan Supply Co.
3691 Courts Ave.
Phone: CY 6-3185
1119. Moore Machinery Co.
3525 5th Ave. (3)
Phone: CY 5-9377

SAN DIEGO (cont.)

1120. National Cylinder Gas Div.
Chemetron Corp.
3091 Market St.
1121. Nuttall-Styris Co.
825 Columbia St.
Phone: BE 2-5021
1122. Oakite Products Inc.
1202 Kettner Blvd. (1)
Phone: BE 4-2320
1123. Oil Filter Service
2405 E. Harbor Dr.
1124. Orbit Supply Co.
5015 Weeks Ave.
1125. Pacific Scientific Co.
1950 5th Ave.
1126. Parsons Co., G. S.
3211 Indio St. (1)
1127. Prentiss Cleaves Co.
3694 Kettner Blvd. (1)
Phone: CY 8-7223
1128. Production Tools Inc.
1435 Imperial Ave. (12)
P. O. Box 422
Phone: BE 3-5127
1129. R & D Tool & Supply Co.
840 Ventura Blvd. (8)
Phone: HU 5-0647
1130. R. J. Supply Co.
2525 San Diego Ave. (10)
1131. Reynolds Metals Co.
3443 5th Ave. (3)
Phone: CY 8-6644
1132. S. C. O. Tool Co.
1233 28th St. (2)
1133. San Diego Hardware
840-850 5th Ave.
1134. Service Industrial Supply
4118 University Ave. (5)
Phone: AT 1-5135
1135. Sheffield Western Corp.
3694 Kettner Blvd. (4)
Phone: CY 8-7223
1136. SKIL Corp.
3492 Pickett St. (10)
Phone: CY 7-3277
1137. Standard Iron Supply
Harbor Dr. & Beardsley (2)
P. O. Box 9
Phone: BE 2-1019
1138. Swanton Inc., H. R.
1676 Main St. (12)
Phone: BE 3-6628
1139. Tap Engrg. Service
3694 Kettner Blvd.
1140. Thorson Co., The
444 Olive St.
1141. Victor Equip. Co.
2711 Kettner Blvd.
Phone: CY 6-6327
1142. Warren & Bailey Co.
2305 E. Belt St. (13)
1143. Westerlund & Lange
1432 Union St. (1)
Phone: BE 2-0115
1144. Western Metal Supply Co.
215 7th St. (12)
Phone: BE 3-3111
1145. Wilkinson, William L.
P. O. Box 3445 (3)
1146. Wills Machinery Co., W. T.
Phone: BE 2-3881
1147. Winn Supply Co.
1676 Main St. (12)
P. O. Box 1709
1148. Yale & Towne Mfg. Co., The
4410 Kearny Mesa Rd. (11)
Phone: BR 7-4222

SAN FRANCISCO

1149. Acme Equip. Co.
801 Minnesota St. (7)
Phone: VA 4-5700
1150. Acme Steel Co.
750 2nd St. (7)
Phone: GA 1-7582
1151. Alert Supply Co.
923 Harrison St. (7)
Phone: KL 2-0708
1152. Alexander & Baldwin Inc.
215 Market St. (5)
1153. Alford Co., C. R.
115 New Montgomery St. (5)
Phone: EX 2-4600

SALES OFFICES

CALIFORNIA

SAN FRANCISCO (cont.)

1154. All Bearing Service Inc.
456 Brannan St. (7)
Phone: SU 1-0976
1155. Allegheny Ludlum Steel Corp.
36 Berry St. (7)
Phone: EX 7-0935
- 1155A. Allis-Chalmers
650 Harrison St. (7)
Phone: DO 2-8394
1156. Allis Co., The Louis
1275 Rollins Rd.
Phone: DI 2-4393
1157. Aluminum Co. of Amer.
2509 Equitable Life Bldg. (4)
1158. Amer. Brass Co., The
120 Montgomery St. (4)
Phone: YU 6-0051
1159. Amer. Instrument Co. Inc.
1485 Bay Shore Blvd.
Phone: JU 7-1689
1160. Amer. Optical Co.
25 Kearny St.
Phone: SU 1-4363
1161. Amer. Refrigeration Supply
563 Minna St.
Phone: MA 1-4050
1162. Armstrong Brothers Tool Co.
67 11th St. (3)
Phone: UN 1-5670
1163. Atkinson Co. Inc., Ralph W.
655 Folsom St. (7)
Phone: YU 2-5188
1164. B-H-S Machinery Co.
717 Airport Blvd.
Phone: PL 5-4466
1165. Babcock Co., C. B.
1485 Bayshore Blvd. (24)
Phone: JU 6-3040
1166. Babcock & Wilcox Co., The
Tubular Products Div.
1365 Humboldt Bank Bldg. (3)
Phone: YU 6-3911
1167. Baker, H. S.
24 California St.
Phone: YU 2-3186
1168. Baker Co., H. W.
288 7th St.
1169. Baker & Hamilton
700 7th St.
Phone: HE 1-2606
1170. Baldwin-Lima-Hamilton
2929 19th St. (10)
Phone: MI 7-6781
1171. Barksdale Co.
278 Upper Terrace
Phone: JU 3-0162
1172. Bausch & Lomb Optical Co.
20 Jones St. (2)
Phone: UN 3-1586
1173. Bay State Tap and Die Co.
650 Howard St. (5)
Phone: DO 2-4185
1174. Bearing Engrg. Co.
1547 Mission St. (3)
Phone: HE 1-1590
1175. Bearing Industries Inc.
266 Bayshore Blvd.
Phone: AT 8-0851
1176. Behr-Manning Co.
1001 16th St. (7)
Phone: UN 7-7730
1177. Belllove Co.
429 Market St.
Phone: YU 2-3713
1178. Bellows-Valvair
1485 Bayshore (24)
Phone: JU 5-8900
1179. Bergdahl Assoc.
1485 Bayshore Blvd.
Phone: EL 7-7322
1180. Bethlehem Steel Co.
20th & Illinois Sts. (19)
Box 3494, Rincon Annex
Phone: MA 1-3200
1181. Black & Decker
4343 3rd St. (24)
Phone: AT 2-1900
1182. Boswell, C. W.
1139 Mission St. (5)
Phone: HE 1-3435
1183. Boyd Co., A. B.
1235 Howard St. (3)
1184. Brady Co., W. H.
1246 Folsom St. (3)
Phone: HE 1-8480
1185. Braun-Knecht-Heimann Co.
1400 16th St. (19)
- SAN FRANCISCO (cont.)**
1186. Brennan-Hamilton Co.
1671 Jerrold Ave. (24)
Phone: VA 4-9720
1187. Bridgeport Brass Co.
130 Potrero Ave. (3)
Phone: UN 1-2551
1188. Bristol Co., The
40 Berry St. (7)
Phone: GA 1-5462
1189. Brookes Co. Inc., E. Jordan
571 Howard St.
Phone: YU 6-2974
1190. Browning Co., E. S.
1515 3rd St. (7)
Phone: DO 2-0631
- 1190A. Brunig Machine & Gear Works
81 Lafayette St.
Phone: UN 3-3296
1191. Bulotti Machinery Co.
475 4th St. (7)
Phone: SU 1-1004
1192. Bunting Brass & Bronze Co.
277 7th St. (3)
Phone: UN 1-5044
1193. Burke Co., The
2360 San Bruno Ave. (24)
Phone: DE 3-5500
1194. Butcher Co., L. H.
15th & Vermont Sts. (1)
Phone: MA 1-4210
1195. Butterfield Div.
Union Twist Drill Co.
550 Barneveld Ave. (24)
Phone: AT 2-7551
1196. CSA
2050 Bryant St. (10)
Phone: AT 2-8011
1197. Cady Co., J. F.
Sales Mart Bldg.
1485 Bayshore Blvd. (24)
Phone: JU 5-4108
1198. Calif. Instrument Co.
351 10th St. (3)
Phone: UN 3-0350
1199. Calif. Saw Works
721 Brannan St. (3)
1200. Calif. Welding & Equip. Co.
432 Bryant St. (7)
1201. Calpacific Equip. Co.
50 Hawthorne St. (5)
1202. Campbell & George Co.
1601 Cortland Ave. (10)
Phone: MI 8-1236
1203. Card Div., S. W.
Union Twist Drill Co.
550 Barneveld Ave. (24)
Phone: AT 2-7552
1204. Carling Abrasive & Tool Co.
2186 Palou Ave. (24)
Phone: AT 8-6524
1205. Carney Co., T. C.
50 Hawthorne St. (5)
Phone: GA 1-2075
1206. Carpenters Riggings Co.
453 Bryant St.
1207. Carr Co., Walter R.
934 Howard St. (3)
Phone: YU 6-6505
1208. Carrier Corp.
900 Tennessee St. (7)
Phone: VA 4-1587
1209. Cassimus Co.
651 Folsom St.
Phone: GA 1-5941
1210. Century Electric Co.
555-557 Monadnock Bldg.
681 Market St. (5)
Phone: SU 1-2070
1211. Chicago Pneumatic Tool Co.
145 Mitchell Ave., S.
Phone: JU 9-2342
1212. Cleveland Tramrail Calif. Co.
870 Market St. (2)
Phone: EX 7-0737
1213. Cleveland Twist Drill Co., The
650 Howard St. (5)
1214. Columbia-Geneva Steel Div.
U. S. Steel Corp.
120 Montgomery St. (6)
1215. Cooley Co., E. C.
1136 Folsom St. (3)
1216. Cordes Brothers
45 California St. (11)
Phone: GA 1-8881
1217. Cutler-Hammer Inc.
2130 3rd St. (7)
Phone: HE 1-3825
1218. Darling Abrasive & Tool Co.
2186 Palou Ave.
Phone: AT 8-6524
1219. Dalziel Plumbing Supplies
2741 16th St. (3)
Phone: UN 3-4100
1220. Daystrom Inc.
Weston Instruments Div.
147 10th St. (3)
Phone: UN 3-4250
1221. Decker Corp., The
3522 Geary Blvd. (18)
Phone: SK 2-0846
1222. Dick Co. Inc., R. & J.
510 Bryant St.
Phone: SU 1-1341
1223. Dietzen Co., Eugene
521 Market St. (5)
Phone: GA 1-7550
1224. Diston Div.
550 Beale St. (15)
Phone: YU 2-9787
1225. Diverser Corp., The
525 Market St.
Phone: GA 1-6715
1226. DoALL San Francisco Co.
952 Howard St. (3)
Phone: GA 1-4794
1227. Dodge Mfg. Corp.
304-305 Tidewater Bldg.
55 New Montgomery St. (5)
Phone: DO 2-8434
1228. Doidge Machinery Co.
232 4th St. (3)
Phone: HE 1-6143
1229. Dolliver & Brother
619 Mission St.
Phone: GA 1-1426
1230. Dunham, Carrigan & Hayden Co.
P. O. Box 3034 (19)
1231. Eastman Kodak Co.
3250 Van Ness Ave. (19)
1232. Elder & Co.
323 7th St. (3)
Phone: UN 1-5480
1233. Engelhard Industries Inc.
760 Market St.
Phone: GA 1-1447
1234. Engrg. Sales Co.
24 California St.
1235. Everley Co., Paul S.
350 9th St. (3)
Phone: HE 1-2295
1236. Fairbanks, Morse & Co.
630 3rd St. (7)
Phone: EX 2-5855
1237. Federal Pipe & Supply Co.
670 2nd St.
1238. Federal Products Corp.
345 California Dr.
Phone: DI 3-6578
1239. First Western Machinery
1390 Wallace Ave. (24)
Phone: AT 2-2100
1240. Fisher, Harry M.
500 Florida St.
Phone: HE 1-1698
1241. Fletcher Co., Joseph
778 Brannan St. (3)
Phone: UN 1-2981
1242. Flexible Tubing Corp.
1485 Bayshore (24)
Phone: JU 6-5300
1243. Fluid Power Equip. Co.
524 2nd St. (7)
Phone: EX 7-3365
1244. Fowler Co., Charles
979 Bryant St.
1245. Fry, Edwin L.
430 Market St.
Phone: DO 2-2515
1246. Gardner-Denver Co.
811 Folsom St. (7)
Phone: EX 5-8747
1247. Garlock Packing Co., The
750 18th St. (7)
Phone: HE 1-0370
1248. General Controls Co.
600 Bryant St. (7)
Phone: SU 1-7580
1249. General Electric Co.
235 Montgomery St. (6)
1250. Gigg, M. J.
387 6th St.
Phone: YU 6-2803
1251. Given Machinery Co.
1401 3rd St. (7)
Phone: DO 2-9113
1252. Glesener Co. Inc., A. J.
975 Bryant St. (3)
Phone: HE 1-6900
1253. Goodrich Industrial Products Co., B. F.
1950 Army St.
P. O. Box 162
Phone: AT 2-9620
1254. Graybar Electric Co. Inc.
1750 Alameda St. (1)
1255. Harron, Rickard & McCone
2070 Bryant St. (10)
Phone: AT 2-2202
1256. Haskel Engrg. & Supply Co.
225 11th St. (3)
Phone: UN 3-1489
1257. Haven Machinery & Supply
1072 Howard St.
1258. Heller Tool Co.
228 1st St. (5)
Phone: EX 2-4466
1259. Hewitt-Robins
55 New Montgomery St. (5)
Phone: EX 2-4060
1260. Hill, Samuel W.
695 Market St. (5)
Phone: GA 1-7003
1261. Hobart Welder Sales & Service
425 Potrero Ave. (10)
1262. Hobelmann & Co. Inc.
225 Kansas St. (3)
Phone: UN 3-4046
1263. Hughson & Merton
1270 Bush St. (9)
Phone: OR 3-8343
1264. Hutton & Son, Thos. S.
933 Monadnock Bldg.
681 Market St. (5)
Phone: EX 2-7017
1265. I-T-E
230 Ryan Way
Phone: PL 6-9600
1266. Ingersoll-Rand Co.
350 Brennan St. (7)
Phone: GA 1-6330
1267. J & L
Russ Bldg. (4)
1268. James Co., Allan P.
430 9th St. (3)
Phone: MA 1-3934
1269. Jamison Steel Corp.
280 San Bruno Ave. (3)
Phone: UN 1-6530
1270. Jaxon Engrg. Specialties
181 Steuart St. (5)
1271. Jervia-Webb Co.
2166 Market St. (14)
Phone: KL 2-2709
1272. Johnston Co., M. D.
678 Howard St. (5)
Phone: YU 2-0686
1273. Johns-Manville Sales Corp.
116 New Montgomery St. (5)
- 1273A. Jones & Laughlin Steel Corp.
Russ Bldg.
235 Montgomery St. (4)
1274. Keeler, White Co.
615 7th St. (3)
Phone: HE 1-2900
1275. Kennametal Inc.
4095 19th Ave. (27)
Phone: DE 3-9704
1276. King Sales & Engrg. Co.
441 Folsom St. (5)
Phone: EX 2-7644
1277. Koerber & Assoc., James F.
1853 Market St. (3)
Phone: MA 1-2306
1278. L & L Sales Co.
511 7th St.
Phone: HE 1-2380
1279. Lab. Equip. Co.
532 McAllister
Phone: UN 3-1185
1280. Lanco Equip. Co.
445 Bryant St. (7)
Phone: YU 2-6394
1281. Leeds & Northrup Co.
1095 Market St. (3)
Phone: MA 1-3464
1282. Lehmkuhl, M. C.
114 14th St. (3)
Phone: UN 1-1785

SALES OFFICES

CALIFORNIA

SAN FRANCISCO (cont.)

- 1283. Leighton Stone Corp.
770 Folsom St. (7)
Phone: YU 6-5731
- 1284. Lifton Inc.
215 Embarcadero (11)
Phone: EX 2-7929
- 1285. Linde Co.
22 Battery St. (6)
- 1286. Link-Belt Co.
400 Paul Ave.
- 1287. Lord Mfg. Co.
Columbus Tower Bldg.
916 Kearny St. (11)
Phone: EX 7-6280
- 1288. Loughlin & Co., Wm. C.
400 Montgomery St. (4)
Phone: SU 1-5582
- 1289. Lowe Co., Charles M.
383 4th St.
Phone: YU 2-0800
- 1290. Lynn & Brooks Co.
1485 Bayshore Blvd.
Phone: JU 4-5300
- 1291. Maddox Co., John H.
420 Market St. (11)
Phone: DO 2-2349
- 1292. Mahon Co., The R. C.
821 Market St.
Phone: EX 7-1060
- 1293. Mallory Battery Co.
1225 6th St. (3)
- 1294. Manning, Maxwell & Moore Inc.
405 Bay Shore Blvd. (24)
- 1295. Mantel, T. R.
489 6th St. (3)
Phone: GA 1-7007
- 1296. Marlin-Rockwell Corp.
1234 Mariposa St. (7)
Phone: KL 2-3457
- 1297. Marshall-Newell Supply
101 Utah Ave., S.
- 1298. Marwedel, C. W.
1235 Mission St. (3)
Phone: UN 1-2125
- 1299. McCarthy-Hood Assoc.
1485 Bayshore Blvd. (24)
Phone: JU 6-1800
- 1300. McCune Western Inc.
51 Fremont St.
Phone: YU 6-1006
- 1301. Metesser, L. P.
1485 Bayshore Blvd. (24)
Phone: JU 4-3000
- 1302. Micro Switch Div.
2 Dorman Ave. (24)
Phone: AT 8-1221
- 1303. Miller Fluid Power Div.
561 Buckingham Way
Phone: MO 4-3531
- 1304. Miller & Stern Supply Co.
1435 Folsom St. (3)
Phone: HE 1-2590
- 1305. Miller Tool & Supply Co.
1044 Folsom St. (3)
Phone: UN 1-3226
- 1306. Milligan-Spika Co.
1485 Bayshore Blvd. (24)
Phone: JU 5-8153
- 1307. Monarch Corp.
55 Montgomery St.
- 1308. Montague-Harris & Co.
893 Folsom St. (7)
Phone: YU 2-4365
- 1309. Montgomery Brothers
1122 Howard St. (3)
Phone: UN 1-3527
- 1310. Moore & Co. Engineers Inc., C. C.
450 Mission St. (5)
Phone: GA 1-3484
- 1311. Moore Machinery Co.
700 Minnesota St. (7)
Phone: TH 3-1636
- 1312. Morse Twist Drill & Machine Co.
1180 Folsom St.
Phone: HE 1-2540
- 1313. Moulthrop & Hunter
165 11th St. (3)
Phone: UN 3-7880
- 1314. National Twist Drill & Tool Co.
1310 Mission St. (3)
Phone: MA 1-0512
- 1315. Norton Co., C. L.
Transport Bldg.
Embarcadero at Mission St. (5)
Phone: YU 2-9029
- 1316. Oakite Products Inc.
572 Monadnock Bldg.
681 Market St. (5)
Phone: EN 1-0067
- 1317. Ohio Crankshaft Co.
Tocco Div.
260 Kearny St., Room 18 (8)
Phone: EX 7-0065
- 1318. Osenkop Corp., The
1455 Greenwich St. (9)
Phone: PR 5-7248
- 1319. Pacific Abrasive Supply Co.
340 6th St. (3)
- 1320. Pacific Metals Co. Ltd.
1900 3rd St. (7)
- 1321. Pacific Scientific Co.
760 Harrison St. (7)
Phone: DO 2-0934
- 1322. Pacific Utilities Supply
141 King St.
Phone: YU 6-1625
- 1323. Pangborn Corp.
952 Howard St. (3)
Phone: YU 2-7048
- 1324. Patrick & Co.
560 Market St. (4)
- 1325. Payton, Phil
1379 Folsom St. (3)
Phone: MO 4-5066
- 1326. Pedley-Knowles Co.
134 Sacramento St.
Phone: GA 1-4945
- 1327. Perin Co. Inc.
575 Howard St. (5)
Phone: GA 1-1827
- 1328. Peters, Vance L.
24 California St. (11)
Phone: DO 2-4725
- 1329. Peterson Supply Co.
480 5th St. (7)
- 1330. Pimper, T. F.
458 Brannan St. (7)
Phone: DO 2-4945
- 1331. Porter-Cable Machine Co.,
1125 Shafter Ave.
Phone: AT 2-3005
- 1332. Post Co., Frederick
318 Mission St. (5)
Phone: GA 1-3308
- 1333. Power-Mac Corp.
467 S. Van Ness Ave. (3)
Phone: UN 1-1430
- 1334. Pratt & Whitney Co. Inc.
1331 Howard St. (3)
Phone: MA 1-7263
- 1335. Proffitt, Gordon
World Trade Center (11)
- 1336. Pulford Co., Robert H.
24 California St.
Phone: EX 7-2602
- 1337. Purdy Assoc., W. J.
312 7th St. (3)
Phone: UN 3-3300
- 1338. R-P&C Valve Div.
Amer. Chain & Cable Co Inc.
890 Tennessee St. (7)
Phone: SU 1-0283
- 1339. Rapistan of Calif. Inc.
1255 Sansome St. (11)
Phone: YU 2-3880
- 1340. Republic Steel Corp.
225 Rialto Bldg. (5)
Phone: GA 1-0977
- 1341. Revere Copper & Brass Inc.
World Trade Center (11)
Phone: SU 1-0283
- 1342. Reynolds Metals Co.
3201 3rd St. (24)
Phone: MI 7-2990
- 1343. Riddle, E. E.
329 10th St.
Phone: UN 1-5255
- 1344. Ridley Co., The
376 5th St. (3)
- 1345. Rodman & Co.
420 Market St.
Phone: YU 2-0824
- 1346. Rolph-Mills & Co.
371 4th St. (7)
Phone: HE 1-1100
- 1347. Rueger Co.
889 Bryant St. (3)
- 1348. Russell, Burdall & Ward
Bolt & Nut Co.
112 Market St. (11)
Phone: SU 1-0882

SAN FRANCISCO (cont.)

- 1349. SKF Industries Inc.
790 Tennessee St. (7)
Phone: MI 8-4625
- 1350. Samson Sales Co.
420 Market St. (11)
Phone: EX 2-7070
- 1351. Sherritt & Co., M. A.
1581 Mission St. (3)
- 1352. Simonds Abrasive Co.
228 1st St. (5)
Phone: EX 2-4466
- 1353. Simonds Machinery Co.
816 Folsom St. (7)
Phone: DO 2-6794
- 1354. Simonds Saw & Steel Co.
228 1st St. (5)
Phone: EX 2-4466
- 1355. SKIL Corp.
285 S. Van Ness Ave. (3)
Phone: UN 3-1250
- 1356. Sloss & Brittain
100 Potrero Ave.
- 1357. Smith & Co. Inc., Anton
544 Market St. (4)
Phone: GA 1-7700
- 1358. Smith, Farrell E.
420 Market St.
Phone: EX 7-4228
- 1359. Standard Electric Tool Co., The
24 California St. (11)
- 1360. Standard Oil Co. of Calif.
Western Operations Inc.
225 Bush St. (20)
Phone: SU 1-7700
- 1361. Standard Tool Co.
1301 Howard St.
Phone: UN 3-6453
- 1362. Star Stainless Screw Co.
1485 Bayshore Blvd. (24)
- 1363. Sterling Electric Motors Inc.
383 Brannan St. (7)
Phone: SU 1-7997
- 1364. Storm & Sons, R. J.
342 Ritch St.
Phone: SU 1-5588
- 1365. Swanton Inc., Harold R.
458 Brannan St. (7)
Phone: SU 1-0972
- 1366. Sweetland Co., E. D.
151 Mission St. (5)
Phone: GA 1-2662
- 1367. Syntrol San Francisco Sales Co.
59 30th St. (10)
Phone: AT 8-1162
- 1368. Tay-Holbrook Inc.
165 8th St. (1)
P. O. Box 907
Phone: MA 1-6300
- 1369. Taylor Felt & Supply Co.
718 Mission St.
- 1370. Teall Co., Frederick P.
725 2nd St. (7)
Phone: YU 6-6842
- 1371. Technical Instrument Corp.
98 Golden Gate Ave.
Phone: PR 5-8514
- 1372. Tercio Equip. Co.
839 Howard St. (1)
Phone: GA 1-1736
- 1373. Thor Power Tool Co.
315 S. Van Ness Ave. (3)
Phone: UN 1-2045
- 1374. Torsion Balance Co., The
785 Market St.
- 1375. Transmission Engrg. Co.
427 Bryant St.
Phone: SU 1-4738
- 1375A. Tri-State Supply Corp.
554 Bryant St.
Phone: EX 5-8390
- 1376. Ullman, Fred D.
2158 Beach St. (23)
Phone: WE 1-7446
- 1377. Union Carbide Plastics Co.
22 Battery St. (6)
Phone: YU 2-1380
- 1378. Union Twist Drill Co.
550 Barneveld Ave.
Phone: AT 2-7551
- 1378A. U. S. Electrical Motors Inc.
564 4th St. (7)
Phone: GA 1-7625
- 1379. U. S. Gypsum Co.
1515 Sloat Blvd. (16)
Phone: LO 4-8680
- 1380. Valvoline Oil Co.
1300 17th St.
- 1381. Vapnek, Paul W.
2270 N. Point (23)
Phone: WA 2-0723
- 1382. Victor Equip. Co.
840-54 Folsom St. (7)
Phone: GA 1-3000
- 1383. Wales Strippl Inc.
834 Polk St.
Phone: OR 3-8866
- 1384. Wapakoneta Machine Co., The
323 Monadnock Bldg. (5)
681 Market St.
Phone: DO 2-4930
- 1385. Watts Inc., Paul
52 Zoe St. (7)
Phone: YU 2-0919
- 1386. Welding Service Sales Inc.
926 Howard St. (3)
- 1387. Western Asbestos Co.
675 Townsend St. (3)
Phone: KL 2-3888
- 1388. Western Control Equip. Co.
3573 Pierce St. (23)
Phone: WE 1-2155
- 1389. Western Industrial Equip. Co.
420 Market St. (11)
- 1390. Wilbee Co., James
420 Market St. (11)
Phone: YU 6-3790
- 1391. Winslow Co., David
25 California St. (11)
Phone: YU 2-8644
- 1392. Winter Brothers Co.
1310 Mission St. (3)
Phone: MA 1-0512
- 1393. Winter Co., E. V.
15 Drumm St. (11)
Phone: DO 2-2714
- 1394. Wising, Fred E.
1 Drumm St.
Phone: DO 2-3082
- 1395. Wright Holst Div.
890 Tennessee St. (7)
Phone: MI 7-4640
- 1396. Wright & Co., Norman S.
1015 Folsom St. (3)
Phone: UN 3-3321

SAN GABRIEL

- 1397. DeLong, Robert
835 W. Las Tunas Dr.
- 1398. Ferris, W. E.
P. O. Box 144
Phone: AT 1-8380
- 1399. Johnson, Carl E.
1149 Abbot Ave.
Phone: AT 4-0422
- 1400. L & S Tool Supply
8512 Las Tunas Dr.
- 1401. Multi-Drill Equip. & Supply
P. O. Box 222
Phone: CL 7-5090
- 1402. San Gabriel Valley Electric Co.
1846 S. San Gabriel Blvd.
Phone: CU 3-3696

SAN JOSE

- 1403. Coast Pipe & Supply Co., The
140 S. Montgomery St. (10)
Phone: CY 2-8842
- 1404. DeVilbiss Co., The
1335 N. 10th St. (12)
Phone: CY 7-1820
- 1405. Hall Machinery Co.
424 W. Julian St. (10)
- 1406. Haven Machinery & Supply Co.
859 W. Julian St.
- 1407. Industrial Tool & Supply Co.
1177 N. 18th St. (13)
Phone: CY 2-8853
- 1408. Marwedel, C. W.
1310 N. 10th St.
- 1409. Masterson Bearing Co.
976 S. 1st St.
Phone: CY 4-3363
- 1410. Moore Machinery Co.
656 Stockton Ave. (26)
Phone: CY 7-4070
- 1411. Oakite Products Inc.
2756 Evora Dr. (24)
Phone: ES 7-6552
- 1412. Orchard Supply Hardware
720 W. San Carlos St.
- 1413. Pond Co., A. G.
495 W. Julian St.

SALES OFFICES

1414. Power Transmission Engrg. Corp.
84 Keyes St.
Phone: CY 4-8181
1415. San Jose Elevator Co.
1016 Stockton Ave. (3)
P. O. Box 415
1416. San Jose Hardware Co.
62 W. Fernando St.
Phone: CY 5-8454
1417. San Jose Supply House
320 S. 1st St. (13)
1418. Slakey Brothers San Jose Inc.
P. O. Box 327
1419. Spencer, A. L.
260 Vine St. (10)
Phone: CY 5-3707
1420. Tay-Holbrook Inc.
695 Stockton Ave.
1421. Tool & Abrasive Engrg. Co.
Bayshore & Commercial
P. O. Box 753
Phone: CY 7-4322
1422. Wagner, Larry
112 Laumer Ave. (12)
Phone: CL 8-2641
1423. Warner-Yates Co.
1441 Terminal Ave. (12)
Phone: CY 7-4566
1424. Western Asbestos Co.
460 Park Ave.
Phone: CY 3-1317
1425. Western Plumbing Supply Co.
90 Notre Dame Ave.
P. O. Box 430

SAN LEANDRO

1426. Bergdahl Assoc.
14126 Washington Ave.
Phone: EL 7-7322
1427. Girard, Dean
388 Farrelly Dr.
Phone: NE 2-7905
1428. Modernair Corp.
400 Preda St.
Phone: LO 9-1368
1429. Monarch Corp.
2875 Williams St.
Phone: NE 8-0980
1430. National Abrasives
1055 W. 135th Ave.
Phone: EL 1-3163
1431. Nelson Stud Welding Div.
440 Peralta Ave.
Phone: LO 8-4555
1432. Pacific Abrasive Supply Co.
402 Hester St.
Phone: NE 8-1189
1433. Republic Supply Co. Inc., The
1919 Williams St.
Phone: LO 2-0414
1434. Santa Lucia, Tony
210 San Leandro Blvd.
Phone: LO 9-3274
1435. Tay-Holbrook Inc.
1809 Merced St.
P. O. Box 577
1436. Woosley, Robert
940 San Leandro Blvd.
1437. Yale & Towne Mfg. Co., The
1251 Doolittle Dr.
Phone: LO 2-4200

SAN MARINO

1438. Alford Co., C. R.
475 Huntington Dr. (9)
Phone: MU 2-1139
1439. Axelson Co., J. L.
2499 Huntington Dr. (9)
1440. Chisholm-Moore Holist Div.
Boothe Bldg., Room 22
475 Huntington Dr.
1441. Cuno Engrg. Corp., The
475 Huntington Dr.
Phone: MU 2-2806
1442. Gorton, James
621 Chaucer Rd. (1)
Phone: SY 3-2789
1443. Marshall Co., G. S.
2065 Huntington Dr.
Phone: RY 1-6781
1444. Toby, Ivon C.
2304 Huntington Dr.
Phone: AT 7-3825

SAN MATEO

1445. Aro Equip. of Calif.
6 S. Bayshore Blvd.
Phone: DI 2-6329

1446. B & W Supply Corp.
18 E. 25th Ave.
Phone: FI 5-3505
1447. Batina Machinery Co.
72 E. 3rd Ave.
Phone: DI 2-1813
1448. Bay City Oil Co.
968 S. Bayshore Blvd.
Phone: DI 3-2090
1449. Clark Controller Co., The
72 E. 3rd Ave.
Phone: DI 2-6051
1450. Delehanty, J. E.
181 W. Poplar Ave.
Phone: YU 2-4030
1451. Gisholt San Francisco
600 S. Bayshore Freeway.
Phone: DI 2-4304
1452. Machinery Sales Co.
2 S. Bayshore Blvd.
Phone: DI 2-0303
1453. Merryweather-Strasmann Machinery Corp.
600 S. Bayshore Freeway.
Phone: DI 4-6464
1454. Peters, Vance
519 Sylvan Ave.
Phone: FI 5-0651
1455. Rosan Inc.
Phone: FI 1-0906
1456. Strasmann Co., F. W.
600 S. Bayshore Freeway.
Phone: DI 4-6464

SAN PEDRO

1457. Bolstad Sales & Service
124 E. 4th St.
1458. Doyle, Larry
1430 Hynes Pl.
Phone: TE 1-3586
1459. Hendry Co., C. J.
111-121 S. Front St.

SAN RAFAEL

1460. Lacey, W. L.
59 Billou St.
Phone: GL 3-9293
1461. Mann, William R.
263 Flagstone Terrace
Phone: GL 4-7496
1462. Pacific Plumbing & Heating Supply Co.
Irwin St. & Lovell Ave.
P. O. Box 148

SAN YSIDRO

1463. Temada, H.
P. O. Box 68

SANTA ANA

1464. Airtronic Sales Inc.
2685 S. Halladay
1465. Anderson Co., V. B.
117 Spurgeon St.
1466. Electric Furnace Co., The
312 E. 17th St.
Phone: KI 3-8069
1467. Flexonics Corp.
3324 W. Delhi Rd.
Phone: KI 5-8261, MA 6-5678
1468. Hoffmann's Paint Store
292 N. Main St.
1469. M. B. Industrial Supply
422-24 W. 4th St.
Phone: KI 2-1141
1470. Pacific Abrasive Supply Co.
2602 S. Orange Ave.
P. O. Box 2234

SANTA BARBARA

1471. DeJo Tool & Supply Co.
335 E. Haley St.
Phone: WO 5-6013
1472. Ott's
727 State St.
Phone: WO 2-7671

SANTA CLARA

1473. Franzen Co., Jake
1962 Lafayette St.
Phone: AX 6-7075
1474. Gertz Co., John F.
360 Crestview Dr.
Phone: CH 3-2043
1475. Graham Precision Tools
Route 1, Box 993
Phone: CH 3-2065
1476. Whitney Industrial Products Inc.
2311 Lafayette St.
Phone: CH 8-4664

SANTA FE SPRINGS

1477. Hunter Sales Co., R. N.
9851 Alburtil Ave.
Phone: OX 2-7231

SANTA MARIA

1478. Modern Industrials
131 E. Betteravia Rd.

SANTA MONICA

1479. Curtis Tool & Supply Co.
3000 Santa Monica Blvd.
Phone: UP 6-1366
1480. Disston Div.
1243 12th St.
Phone: EX 4-2052
1481. Dynapak Conveyor
7th & Wilshire
1482. Engrg. Sales & Service Co.
3100 Airport Ave.
Phone: EX 7-4237
1483. Koebel Diamond Tool Co. of Calif.
1921 Main St.
Phone: EX 6-4282
1484. Long-Lok Corp.
2601 Colorado Ave.
Phone: UP 6-6335
1485. Sam's Tool Shop
1337 4th St.
Phone: EX 4-2426

SARATOGA

1486. Duvall, C. E.
18660 Harleigh Dr.
Phone: FR 8-2514
1487. Petersen, Jack H.
19610 Three Oaks Way

SAUSALITO

1488. Bullard Co., E. D.
2680 Bridgeway
Phone: UN 1-5630
1489. Keely, William E.
108 West St.
Phone: ED 2-0715

SHERMAN OAKS

1490. Bennett, Marvin O.
P. O. Box 1242
1491. Components Sales Calif. Inc.
Suite 202, Valleyheart Bldg.
4626 Van Nuys Blvd.
Phone: ST 8-4550
1492. Shett, Joseph M.
P. O. Box 796
Phone: TR 3-3154
1493. Western Control Equip. Co.
14615 Ventura Blvd.
Phone: ST 3-3040

SOLANA BEACH

1494. Ridge Products Co.
601 Ridgeline Pl.
Phone: SK 5-4537
1495. Hysol of Calif.
1706 Potrero
Phone: CU 3-8461

SOUTH GATE

1496. All State Welding Alloys Co. Inc.
4954 Firestone Blvd.
1497. Cotton Saw & Supply Co.
3965 San Juan Ave.
1498. Daily Grinding Inc.
10700 S. Garfield Ave.
1499. Dellmann, Milo
P. O. Box 565
Phone: LO 7-3282
1500. Diversey Corp., The
5720 Imperial Hwy.
Phone: TO 2-8278
1501. Jerviss-Webb Co.
9301 Rayo Ave.
Phone: LO 4-1821
1502. Koester, F. A.
3263 Independence
Phone: LO 7-1451
1503. Levy, J. B.
8479 State St.
Phone: LO 7-0557
1504. Miller Co., Dal
2905 Century Blvd.
Phone: LO 4-2427
1505. Rosan Inc.
8407 State St.
Phone: LO 7-8894

CALIFORNIA

1506. Rucker Co., The
4956 Firestone Blvd.
Phone: LO 4-2521
1507. Syntrol Los Angeles Sales Co.
8413 State St.
P. O. Box 234
Phone: LO 7-1457

SOUTH PASADENA

1508. Blair-Martin Co. Inc.
905 Mission St.
1509. Crown Equip. & Supply Co.
1012 Fair Oaks Blvd.
1510. E. C. Tool Supply Co.
2118 Hanscom Dr.
1511. Richards, Ralph N.
1011 Magnolia St.
1512. Teglen Engrg. Co. Inc.
1942 Huntington Dr.
Phone: MU 2-2856

SOUTH SAN FRANCISCO

1513. Adam-Hill Co.
Utah & Corey Way
Phone: PL 5-3935
1514. Ajax Electric Salt Bath Furnaces
938 N. Linden Ave.
P. O. Box 506
Phone: JU 9-2062
1515. Alemito Co. of Northern Calif., The
124 S. Airport Blvd.
1516. Atkins Saw Div.
Borg-Warner Corp.
317 Corey Way
1517. B-H-S Machinery Co.
717 Airport Blvd.
P. O. Box 387
Phone: PL 5-4466
1518. Brennan-Hamilton Corp.
187 Utah Ave.
Phone: JU 9-2700
1519. Chase Brass & Copper Co.
236 Shaw Rd.
Phone: JU 3-4994
1520. Cleveland Cap Screw Co., The
415 S. Eccles Ave.
Phone: PL 6-6230
1521. Crane Packing Co.
145 Utah Ave.
Phone: PL 5-7466
1522. Houghton & Co., E. F.
54 Tanforan Ave.
Phone: JU 9-2275
1523. Howard Co.
938 Linden
P. O. Box 506
1524. Marshall-Newell Supply Co.
101 Utah Ave.
1525. Matheson-Doherty Co.
225 Shaw Rd.
Phone: PL 5-7920
1526. Minn. Mining & Mfg. Co.
320 Shaw Rd.
Phone: PL 6-0800
1527. Mueller Brass Co.
Mueller Brass Bldg.
160 Sylvester Ave.
Phone: JU 3-3488
1528. Oldham, Earl A.
609 Newman Dr.
1529. Philpott Co. Inc., George M.
E. Grand Ave. & Harbor
P. O. Box 89
Phone: FL 6-7200
1530. Reichhold Chemicals Inc.
P. O. Box 791
Phone: PL 5-9392
1531. Sherritt & Co., M. A.
205 E. Grand Ave.
P. O. Box 866
Phone: JU 9-2757
1532. Young Machinery Co., A. L.
179 Utah Ave.

SOUTH SAN GABRIEL

1533. Marshall Tool & Supply Corp.
8927 E. Garvey Ave.
Phone: AT 0-1562

STOCKTON

1534. Geiger Iron Works Inc.
Scotts Ave. & Pilgrim St.
Phone: HO 6-8623

SALES OFFICES

CALIFORNIA

STOCKTON (cont.)

- 1535. General Electric Co.
2525 Pacific Ave.
Grether & Grether
824 W. Fremont St.
P. O. Box 47
Phone: OW 7-7812
- 1537. Hickinbotham Brothers Ltd.
536 S. Aurora St. (1)
P. O. Box 1730
Phone: HO 6-2051
- 1538. Lift Truck Service Corp.
2211 N. Hwy. 99
Phone: HO 6-8984
- 1539. Maxwell Motor Supply Co.
228 N. El Dorado St.
1540. Stockton Iron Works
P. O. Box 1331
- 1541. Western Asbestos Co.
733 S. Van Buren St.
Phone: 4-9421

STUDIO CITY

- 1542. Andrews, Fred S.
1219 1/2 Ventura Blvd.
1543. Branson Instruments Inc.
12438 Ventura Blvd.
Phone: TR 7-9407

SUNNYVALE

- 1544. Gentry, John D.
251 S. Murphy
Phone: RE 6-8791
- 1545. Sheddon, Bernard
1056 Fifth Ct.
Phone: CH 9-3395
- 1546. Theisner & Co., William
406 S. Sunnyvale
Phone: RE 9-4440

SUN VALLEY

- 1547. Moore, George E.
8827 Remick Ave.
Phone: RO 7-2772

TEMPLE CITY

- 1548. Denton & Anderson Co.,
The
5526 Rosemead Blvd.
Phone: CU 3-8436
- 1549. Federated Sales Co.
5921 N. Temple City Blvd.
Phone: AT 6-4136

THOUSAND OAKS

- 1550. Harzan, Joseph F.
1342 La Jolla Dr.
Phone: HU 5-4305

TORRANCE

- 1551. Di-Met Corp.
1873 Mullin Ave.
Phone: FA 8-4704,
SP 5-3122
- 1552. M. & W. Electric Tools
1730 W. Carson St.
1553. Mahon Co., The R. C.
2303 Jefferson St.
Phone: NE 6-5761
- 1554. Mido Products
1801 Border Ave.
Phone: SP 5-2949
- 1555. Mobar Industrial Supply
1116 Border Ave.
Phone: NE 6-6423
- 1556. National Supply Co.
1324 Border St.
Phone: NE 6-1701
- 1557. Wade, Richard
20412 Wayne Ave.

UKIAH

- 1558. Kiamath Machine & Locomotive Works of Calif.
726 State St.
- 1559. Munnell & Sherrill of Calif.
Hwy 101 N. & Kukli Rd.
Route 1, Box 559H
Phone: HO 2-3496

VAN NUYS

- 1560. B. E. Enterprise Inc.
1561. C. E. Engrg. Sales Co.
13348 Friar St.
Phone: ST 0-5307
- 1562. Kearfott Div.
General Precision Inc.
14844 Oxnard St.
- 1563. Kennematt Co., The
14637 Bessemer St.
Phone: TR 3-2427

- 1564. Miller Specialties
5217 Sepulveda Blvd.
Phone: TR 3-1852
- 1565. Pic Design Corp.
7335 Van Nuys Blvd.
Phone: ST 2-6702
- 1566. Smith, Seth
6858 Kester Ave.
Box 191
Phone: ST 5-3696
- 1567. Sturtevant Motor Parts Inc.
14828 Oxnard St.
Phone: ST 5-5401
- 1568. Tool Mart Inc.
6261 Van Nuys Ave.
Phone: TR 3-2575
- 1569. Torrington Mfg. Co., The
16300 Roscoe Blvd.
Phone: EM 2-0741
- 1570. Tracerlab Inc.
7311 Van Nuys Blvd.,
Room 8
Phone: ST 2-3180

VENICE

- 1571. Bay Cities Welding Supply
and Equip. Co.
2549 Lincoln Blvd.
Phone: EX 8-5708
- 1572. Del-Rey Tool Co.
4053 Lincoln Blvd.
1573. Metcalf, Jr., Bob
839 Milwood Ave.

VENTURA

- 1574. Crow-Garrick Co.
1885 N. Ventura Ave.

VERNON

- 1575. Almqvist Tool & Equip. Co.
2300 E. 49th
- 1576. Wolf Machine Co., W. F.
2600 Leonis St.

WALNUT CREEK

- 1577. Kupper Frank Y.
1277 Arroyo Way
Phone: YE 4-3456

WEST COVINA

- 1578. Crosby, Ralph B.
207 Lark Ellen Ave.
Phone: ED 9-8103
- 1579. Herl, A.
1302 Walnut Creek
Parkwy.
- 1580. Miller Electric Mfg. Co.,
Inc.
1224 S. Larimore Ave.
Phone: 6-2931

WEST LOS ANGELES

- 1581. Industrial Refrigeration Co.
8940 Ellis Ave. (34)
Phone: TE 0-6664
- 1582. Westwood Power Tools
1627 Westwood Blvd.

WHITTIER

- 1583. Brown, Truman
16333 Walthall St.
- 1584. Eastman Kodak Co.
808 W. Slauson Ave.
- 1585. Fitzsimmons, John J.
1154 High St.
Phone: OX 6-1279
- 1586. Gast, B. C.
421 Cattalina
Phone: OX 3-8815
- 1587. Grether, John
P. O. Box 1036,
Perry Annex
- 1588. Johnson, Victor W.
1025 Whitley Ave.
Phone: OX 9-4017
- 1589. McMillion Co., Chet
7821 S. Broadway
Phone: OX 9-8848
- 1590. Sunnen Products Co.
15416 Janine
Phone: OW 7-8157
- 1591. Thomas Machinery Co., Art
3535 San Gabriel River
Parkwy.
P. O. Box 428
Phone: RA 3-6148
- 1592. Williams, David E.
1404 W. Hadley St.
Phone: OX 5-9330

WILMINGTON

- 1593. Cordes Brothers
305 W. "F" St.
Phone: TE 3-3197

- 1594. Costello Supply Co. Inc.,
J. M.
221 N. Avalon Blvd.
Phone: TE 4-7291
- 1595. Diesel Control
226 N. Marine Ave.
- 1596. Refrigeration Machine
Corp.
1024 E. Anaheim

WOODLAND HILLS

- 1597. Imperial Tool & Supply Co.
22460 Ventura Blvd.
Phone: DI 8-3032

COLORADO

BOULDER

- 1. B & B Sales Co.
1427 Pearl St.
P. O. Box 26
Phone: HI 2-8773
- 2. Colo. Tool & Gage
P. O. Box 527
Phone: RA 2-8067
- 3. D & R Supply Co.
1623 Broadway Ave.
Phone: HI 2-6887

BROOMFIELD

- 4. Leonard Co., F. J.
10 Garden Center
P. O. Box 385
Phone: KE 4-7229

COLORADO SPRINGS

- 5. Acetylene Service Co.
318 S. 8th St.
- 6. Landes, Zachary & Peterson
Co.
P. O. Box 1488

DENVER

- 7. Acetylene Service Co.
1105 Zuni St. (4)
- 8. Air-Draulics Inc.
1163 S. Cherokee (23)
Phone: RA 3-4522
- 9. Ajax Electric Salt Bath
Furnaces
2415 15th St. (2)
Phone: GL 5-3651
- 10. Alemite Co. Inc.
1157 Bannock St. (4)
- 11. Alldredge & McCabe
847 E. 17th Ave. (18)
Phone: AL 5-7496
- 12. Allen Bearings Supply Co.
4965 Jackson St.
Phone: FL 5-3563
- 12A. Allis-Chalmers
655 Broadway Bldg. Suite
205
Phone: 4-2951
- 13. Allis Co., The Louis
2801 E. Colfax
Room 296, O'Riley Bldg.
(6)
Phone: DU 9-3651
- 14. Aluminum Co. of America
105 Fillmore St. (6)
- 15. Amer. Brass Co., The
4303 Brighton Blvd. (16)
Phone: AC 2-7933
- 16. Amer. Optical Co.
644 Delaware St.
Phone: AL 5-6661
- 17. Applied Handling Inc.
1863 Wazee St. (2)
Phone: AL 5-8452
- 18. Automatic Control & Equip.
Co.
3750 Pecos St. (21)
Phone: GE 3-6438
- 19. Aviation Industrial Supply
Co.
3900 Ulster St. (7)
Phone: FL 5-2391
- 20. Babcock & Wilcox Co., The
Tubular Products Div.
2829 E. 2nd Ave. (6)
Phone: DE 3-8511
- 21. Bax, L. D.
714 Lincoln St. (3)
Phone: AM 6-1981
- 22. Bearings Service & Supply
Co.
4433 Claude Ct. (16)
Phone: AC 2-5991
- 23. Bellows-Valva
529 E. Ohio Ave. (9)
Phone: SP 7-6966
- 24. Belt & Co., C. D.
2149 S. Clermont (22)
Phone: SK 6-9421
- 25. Black & Decker
1010 Bannock St. (4)
Phone: AC 2-0621
- 26. Blackwell, Churchill
1540 S. Albion
Phone: SK 6-1325
- 27. Blair Engrg. Co.
4100 Grape St. (16)
Phone: DE 3-3022
- 28. Bliss & Laughlin Inc.
Rocky Mountain Ware-
house Bldg.
1863 Wazee St. (2)
Phone: KE 4-4453
- 29. Bowen Co. Inc., R. G.
721 S. Broadway (23)
Phone: RA 2-4641-2
- 30. Bown, A. G.
1580 Ogden St. (18)
Box 3006 E. Colfax
Station
Phone: TA 5-8641
- 31. Brandt Inc., George C.
1940 Blake St. (2)
Phone: TA 5-8771
- 32. Braun-Knecht-Helmann Co.
2301 Blake St. (17)
- 33. Bridgeport Brass Co.
77 Lipan St. (23)
Phone: CH 4-3308
- 34. Bristol Co., The
4535 E. 46th Ave. (16)
Phone: DE 3-6228
- 35. Brown Technical & Associ-
ated Designers for In-
dustry Inc.
130 S. Yarrow St. (36)
Phone: BE 7-3467
- 36. C.F.L. Co.
1871 S. Broadway (10)
Phone: BE 7-4381
- 37. CSA
6301 Colorado Blvd. (16)
Phone: AT 8-2655
- 38. Cardwell Blue Print Co.
1746 California St.
Phone: TA 5-6369
- 39. Carrier Corp.
1135 Bannock St. (4)
Phone: AM 6-1593
- 40. Century Electric Co.
1644 Blake St. (2)
Phone: AC 2-3515
- 41. Chain Belt Co.
110 16th St. (2)
Phone: CH 4-7467
- 42. Chase Brass & Copper Co.
5101 Colorado Blvd. (16)
Phone: DU 8-2441
- 43. Chicago Pneumatic Tool Co.
465 Acoma St. (4)
Phone: RA 2-2813
- 44. Christopher Co., L. A.
1751 Franklin St. (8)
Phone: KE 4-1338
- 45. Cleveland Tramrail Denver
Co.
1700 15th St.
Phone: MA 3-3221
- 46. Colo. Bearing Co.
1650 Blake St. (2)
Phone: MA 3-1218
- 47. Colo. Industrial Supply Co.
1620 Wazee St.
P. O. Box 5452, Termin-
al Annex
Phone: KE 4-6424
- 48. Colo. Tool & Gage Co.
1489 S. Broadway (10)
Phone: RA 3-8067
- 49. Continental Oil Co.
1755 Glenarm Pl. (2)
Phone: CH 4-4311
- 50. Continental Screw Co.
211-212 Wazee Market
Phone: MA 3-2011
- 51. Cook Co., Edwin P.
845 Wyandot (4)
Phone: AM 6-3067
- 52. Coursey Equip. Co. Inc., Joe
3327 Brighton Blvd. (5)
Phone: AC 2-8581
- 53. Crane Packing Co.
901 Sherman St., No.
415 (3)
Phone: TA 5-3192, Ext.
415

DENVER (cont.)

54. Cutler-Hammer Inc.
126 W. 5th Ave. (4)
Phone: SH 4-2495
55. Cutting Tools Inc.
610 E. 17th St.
56. De Laval Separator Co.,
The
3510 Chase St. (12)
Phone: HA 4-7585
57. Dietzgen Co., Eugene
1746 California St.
Phone: TA 5-6369
58. Di Eugenio Tool Center Inc.
3424 E. Colfax Ave. (6)
Phone: EA 2-5000
59. Dittman, V. R.
2300 S. Madison Ave.
(10)
Phone: SK 6-1306
60. DoALL Denver Co.
5 S. Kalamath St. (23)
Phone: AL 5-0413
61. Dorough Co., J. H.
1357 Harlan St. (14)
Phone: BE 7-2923
62. Dover Elevator Co.
948 Cherokee St. (4)
63. Duboc Assoc., R. E.
2353 Broadway (10)
Phone: RA 2-4609
64. Dynatech
529 E. Ohio Ave. (9)
Phone: PE 3-7903
65. E & M Equip. Co.
2415 15th St. (2)
Phone: GE 3-0821
66. Elliott Co., Clyde P.
661 Delaware St. (4)
Phone: AL 5-7988
67. Elsner, F. R.
852 S. York St. (9)
68. Empire Supply Inc.
4459 Washington St.
69. Emrick & Hill Engine &
Equip. Co.
4841 E. 38th Ave. (16)
70. Esbenson Co., Iver J.
1725 E. 17th Ave. (18)
Phone: EA 2-7733
71. Fafnir Bearing Co., The
4425 Vine St.
Phone: AL 5-1495
72. Foss Inc., M. L.
1901-21 Arapahoe St.
Phone: KE 4-5151
73. Francis & Sims Inc.
2750 W. 17th Ave. (4)
Phone: AL 5-1781
74. Fryer, Herbert E.
1321 Bannock St. (4)
Phone: KE 4-2722
75. Gardner-Denver Co.
1727 E. 39th Ave. (1)
P. O. Box 1020
Phone: AC 2-9393
76. Garlock Packing Co., The
1863 Wazee St. (2)
Phone: AC 2-0649
77. General Controls Co.
1162 Eliot St. (4)
Phone: CH 4-6776
78. General Electric Co.
650 17th St. (1)
P. O. Box 2331
79. General Welding Supply Co.
1429 Market St. (2)
80. Geoffroy-Lane Inc.
432 E. 1st Ave. (3)
Phone: SH 4-2451
81. Glass & Assoc., H. J.
P. O. Box 1065
Phone: DE 3-8151
82. Goble & Sampson Inc.
1737 Franklin St. (18)
Phone: MA 3-6976
83. Goodrich Industrial Prod-
ucts Co., B. F.
2500 W. 8th Ave. (4)
Phone: TA 5-1267
84. Grinnell Co.
2175 15th St. (2)
- 84A Hamilton Assoc.
1236 Eliot St.
Phone: CH 4-1505
85. Hansen, Henry
1863 Wazee St. (2)
Phone: KE 4-4453
86. Harnischfeger Corp.
1108 15th St.
Phone: AL 5-4876
87. Hassco Inc.
1745 Wazee St. (1)
88. Helicoid Gage Div.
4555 E. 46th Ave. (16)
89. Helton & Co., Clint
142 Broadway (3)
Phone: RA 3-8915
90. Hendrie & Bolthoff Co.
1635 17th St. (17)
Phone: KE 4-4111
91. Herman & Von Rosenberg
1051 11th St. (4)
Phone: AC 2-2833
92. Hewitt-Robins Inc.
5075 Colorado Blvd.
Phone: FL 5-8751
93. Holclaw, Roy J.
2820 Grape St. (7)
Phone: FR 7-3475
94. Hughes Co. Inc., R. S.
2811 W. 9th St. (4)
Phone: CH 4-4267
95. Hydraulic Service & Supply
Co.
5975 Colorado Blvd. (16)
Phone: AT 6-3273
96. I-T-E
655 Broadway Bldg.,
Room 410 (3)
Phone: AM 6-1404
97. Industrial Supply Co.
1745 Blake St. (2)
Phone: AL 5-9623
98. Ingersoll-Rand Co.
1641 Blake St. (2)
Phone: KE 4-2245
99. Intermountain Distributors
Inc.
P. O. Box 7843
Phone: WA 2-1174
100. Ives Co. Inc., Richard
W. Colfax at Welton St.
(4)
Phone: AL 5-1411-2
101. Jarrett Co., Tracy C.
95 S. Ammons St. (15)
Phone: BE 3-2333
102. Jarvin Supply Co.
2140 S. Platte River Dr.
(23)
103. Jarvis Supply Co. Inc.
2140 S. Platte River Dr.
P. O. Box 8125
Phone: WE 6-3461
104. Johns-Manville Sales Corp.
1755 Glenarm Pl. (2)
105. Johnson & Son Inc., S. C.
1863 Wazee St. (2)
Phone: KE 4-1909
106. Johnson Supply Co.
1123 Wazee St.
Phone: KE 4-3281
107. Joy & Cox Inc.
2124 Broadway (5)
Phone: AM 6-0323
108. Kaub & Co., Hubert
1025 Santa Fe Dr. (4)
Phone: MA 3-4606
109. Kennametal Inc.
P. O. Box 8025 (19)
Phone: AC 2-8304
110. Knoyer Co., William L.
138 W. 12th Ave. (4)
111. Koether-Cox Co.
110 W. 135th St.
Phone: MA 3-3544
112. Krippner & Polley
1166 Eliot St. (4)
Phone: AL 5-1059
113. Landes, Zachary & Peterson
Co.
601 S. Jason St. (23)
Phone: SH 4-1311
114. Leeds & Northrup Co.
1545 Glenarm Pl. (2)
Phone: AC 2-1806
115. Le Roi Div.
610 Farmers Union Bldg.
(3)
Phone: AM 6-1042
116. Lincoln Electric Co., The
1224 Walnut St. (4)
Phone: AC 2-9533
117. Linde Co.
666 S. Santa Fe Dr. (23)
118. Lobel, Andrew T.
1700 15th St.
Phone: MA 3221, Ext. 20
119. Lynn & Brooks
Room 212, Colorado Bldg.
Phone: TA 5-7147

DENVER (cont.)

120. Machinery Supply Co.
3254 Larimer St., Box
716 (5)
Phone: CH 4-4579
121. Manning, Maxwell & Moore
Inc.
5550 W. 51st Ave. (12)
Phone: HA 2-0587
122. Marsh Steel & Aluminum
Co.
5500 Colorado Blvd.
Phone: KE 4-1241
123. Martin Machinery Inc.
4426 Vine St. (16)
Phone: AC 2-3696
124. Materials Handling Equip.
Co.
1795 Sheridan Blvd.
P. O. Box 1438
Phone: BE 7-0433
125. McDonald-Hunt Scale &
Supply Co.
1540 Wazee St. (2)
Phone: AC 2-5651
126. Mesch Machinery Supply
Co.
3254 Larimer St.
Phone: CH 4-4579
127. Metal Goods Corp.
4343 Holly St. (6)
Phone: DU 8-4141
128. Metcalf Co., George E.
232 E. 20th Ave. (5)
Phone: AC 2-2062
129. Micro Switch Div.
1600 W. 13th Ave. (4)
Phone: AM 6-2491
130. Miller Electric Mfg. Co. Inc.
4851 E. Bates
Phone: SK 6-3324
131. Mine & Smelter Supply Co.,
The
3800 Race St.
P. O. Box 9041
Phone: KE 4-3111
132. Moehlenpach Engrg. Inc.
1315 S. Vandeventer Ave.
(16)
133. Moore Inc., Ralph B.
1921 Blake St. (2)
Phone: CH 4-2969
134. Morse Chain Co.
4650 Steel St. (16)
Phone: AL 5-8609
135. Motor Parts Warehouse Co.
729 Broadway (4)
Phone: AL 5-4651
136. Mueller Brass Co.
1430 W. Colfax Ave. (4)
Phone: AC 2-0514
137. Muller, E. P.
1306 E. 17th Ave. (18)
Phone: AL 5-8054
138. Murray Co., E. N.
1531 Denver Club Bldg.
Phone: AL 5-0533
139. Murray Equip. Co.
19th Ave. at Federal
Blvd. (4)
Phone: GE 3-3314
140. Nelson Stud Welding Div.
2135 S. Kalamath (23)
Phone: WE 6-3439
141. Oakite Products Inc.
1700 15th St. (2)
Phone: MA 3-3221
142. Overgard Machine Tool Co.
2045 W. 8th St. (4)
Phone: MA 3-3141
143. Patten Engrg. Co.
1795 Sherman Blvd.
P. O. Box 1438
Phone: BE 7-0433
144. Peak Sales Co.
Box 5064, Terminal An-
nex (17)
Phone: HA 9-1126
145. Pease Co., Fred A.
4921 E. 38th Ave. (7)
Phone: DU 8-4643
146. Pennington, Earl E.
12th & Shoshone (4)
Phone: AL 5-2920
147. Peterson Co.
4949 Colorado Blvd. (16)
Phone: DE 3-5434
148. Peterson Machine and Sup-
ply Co.
4400 N. Garfield
149. Plant Equip. Co.
1400 Market St. (2)
Phone: AL 5-5411
150. Plasticrafts Inc.
2900 N. Speer Blvd. (11)
Phone: GE 3-3368
151. Plonkey & Assoc. Inc., Al
137 Kalamath (23)
Phone: AC 2-7867
152. Power Transmission Inc.
4965 Jackson St. (16)
Phone: DU 8-1681
153. Pratt & Whitney Co. Inc.
P. O. Box 2169
Phone: DE 3-4418
154. Process Equip. Co. Inc.
2548 W. 29th Ave. (11)
Phone: GL 5-4766
155. Putnam Co., L. B.
2130 Welton St. (5)
Phone: TA 5-5066
156. R-P&C Valve Div.
4555 E. 46th Ave. (1)
157. Rabe, R. H.
651 S. Jason St.
Phone: SH 4-2311
158. Reece Co., Glenn
2001 W. Alameda Ave.
Phone: SH 4-3388
159. Regional Sales Co.
1719 Boulder (11)
Phone: GE 3-1376
160. Reitz Sales Co.
1324 Bellaire St. (7)
161. Republic Steel Corp.
230 The Denver Club
Bldg. (2)
Phone: MA 3-5289
162. Revere Copper and Brass
Inc.
1219 California St. (4)
Phone: AL 5-2066
163. Reynolds Metals Co.
2829 E. 2nd Ave. (6)
Phone: DU 8-2406
164. Rissman, W. A.
1235 Albion St. (20)
Phone: FL 5-7260
165. Rite Lite Supply
2826 N. Speer
166. Robbins & Assoc., Paul P.
7021 Zuni St. (21)
Phone: CH 9-9554
167. Rowley-Bouvette Inc.
1370 S. Eaton Ct.
Phone: WA 2-2624
168. Rueger Co.
P. O. Box 5001 (15)
Phone: MA 3-1444
169. Ryall Electric
560 Lincoln
170. Ryerson & Son Inc., Jos. T.
4150 Fox St. (16)
Phone: GE 3-6453
171. SKF Industries Inc.
1420 18th St. (2)
Phone: MA 3-3524
172. S & W Electric Co.
2144 Welton St.
173. Sachs-Lawlor Co.
P. O. Box 5494 (17)
174. Safety Equip. Co.
1630 17th St. (2)
175. Selas Corp. of America
2636 Walnut St. (5)
Phone: MA 3-7200
176. Service Tool Sales Co.
258 Santa Fe Dr. (23)
Phone: AC 2-3285
177. Sheppard & Assoc., P. W.
1219 California St. (4)
Phone: AL 5-2066
178. Sinclair Refining Co.
P. O. Box 237 (1)
179. Sinclair Refining Co.
Rocky Mountain Div.
636 Denver Club Bldg.
Phone: AM 6-2461
180. SKIL Corp.
4462 York St. (16)
Phone: MA 3-4195
181. Slaybaugh-Thompson Co.
100 W. 13th Ave. (4)
Phone: AC 2-5825
182. Snap-on Tools Corp.
2160 Clay St. (11)
Phone: GE 3-6238
183. Southern Supply Inc.
2801 Walnut St. (5)

COLORADO

SALES OFFICES

COLORADO

DENVER (cont.)

184. Spencer Co. Inc., Paul R.
4201 Brighton Blvd. (16)
Phone: KE 4-3293
185. Spicer-Lindsay Assoc.
4960 E. Evans Ave. (22)
Phone: SK 6-0627
186. Sterling Electric Motors Inc.
661 Delaware St. (4)
Phone: AL 5-7988
187. Sudbury, Geo. W.
1355 Locust St. (20)
Phone: EA 2-8857
188. Swan Co., E. C.
232 Dahlia St. (7)
Phone: EA 2-4718
189. Tanner-Silvey Sales Co.
1152 Bannock St. (5)
190. Texaco Inc.
1570 Grant St. (3)
Phone: TA 5-7261
191. Thompson-Hayward Chemical Co.
1501 W. 13th Ave. (4)
Phone: KE 4-1281
192. Thor Power Tool Co.
2704 W. 8th Ave. (4)
Phone: AL 5-3668
193. Tompkins Co., The
4970 Jackson St. (16)
Phone: DU 8-3658
194. Union Bearing & Transmission Co.
1635 Blake
Phone: AM 6-3088
195. Union Supply Co.
5640 Colorado Blvd.
Phone: AM 6-2292
196. U. S. Gauge Div.
845 Wyandot (4)
Phone: AM 6-3067
197. U. S. Gypsum Co.
257 Josephine St.
Phone: FL 5-7387
198. U. S. Welding Works Co. Inc.
1301 Walnut St. (4)
Phone: CH 4-7433
199. Vascology-Ramet Corp.
1725 E. 17th Ave. (18)
Phone: EA 3-7733
200. Wallace & Co., G. M.
324 Denham Bldg. (3)
Phone: AM 6-0386
201. Warner Sales Co., Cliff
3063 Albion St. (7)
Phone: DE 3-1747
202. Watwood Sales Co.
2825 Grape St.
203. Werner, A. E.
Petroleum Club Bldg.,
Room 350
110 16th St. (2)
Phone: MA 3-9235
204. West Chemical Products Inc.
3563 Walnut St. (5)
205. Western Belting Co. Inc.
1720 Wazee St. (2)
Phone: AL 5-1776
206. Western Gear Corp.
901 Sherman St. (3)
Phone: TA 5-2192
207. Western Industrial Sales Co.
2508 17th St. (11)
Phone: GE 3-8696-7
208. Wild Co., E. C.
1163 S. Cherokee St. (23)
Phone: SH 4-1253
209. Wolf & Co., Lyle
1126 12th St.
Phone: KE 4-5557
210. Wright Holst Drv.
4555 E. 46th Ave. (16)
Phone: FR 7-8897
211. Young Electric & Mfg. Co.
2134 Curtis St. (5)
Phone: AC 2-4841

ENGLEWOOD

212. Atrs Supply Co.
First National Bank Bldg.
3311 S. Broadway
Phone: SU 9-0591
213. Alta Engrg. Co.
2950 S. Fox St.
Phone: SU 9-1861
214. Champion Specialty Co.
4808 S. Broadway
Phone: SU 1-0279

215. Empire Industries
3854 S. Jason
Phone: SU 9-0522
216. Rocket Components Co.
2950 S. Fox St.
P. O. Box 213
Phone: SU 9-2548
217. Springston Oil Co.
3275 S. Santa Fe Dr.
Phone: SU 9-2315
218. Vinson Assoc.
3600 S. Lincoln
Phone: SU 9-2851

GRAND JUNCTION

219. Bartram & Johnson Co.
P. O. Box 156
220. Bearings & Power Transmission Co.
761 S. 7th St.
221. Salt Lake Hardware Co., The
Phone: CH 2-0070
222. Western Slope Oxygen Co.
P. O. Box 367

LAKEWOOD

223. Brown Technical & Associated Sales
130 S. Yarrow St. (15)
Phone: BE 7-3467
224. Inland Assoc.
1480 Hoyt St.
Phone: BE 7-6881

LITTLETON

225. Easterbrooks, Fred G.
3374 Tanforan
Phone: FY 8-1095
226. Micheles, Robert
5760 S. Cherokee
Phone: PY 4-1437

LONGMONT

227. Slack-Horner Brass Mfg. Co.
P. O. Box 438
Phone: KE 4-1431

PUEBLO

228. Damman Supply Co., J. F.
P. O. Box 282
229. Thomson Industrial Supply Co.
234 S. Victoria Ave.

WESTMINSTER

230. Walkwitz, Marvin
7980 Hooker
Phone: HA 9-7306

WHEAT RIDGE

231. Coleman, H. Burr
7700 W. 48th St.
Phone: HA 4-2797
232. Eckland Co., W. L.
7871 W. 46th Ave.
Phone: HA 2-1006
233. Wiseman, Jos. R.
3520 Lee St.

CONNECTICUT

ANSONIA

1. Amer. Brass Co., The
75 Liberty St.
Phone: RE 4-2561
2. Farrell-Birmingham Co. Inc.
25 Main St.
Phone: RE 4-3331
3. Heres DeWyk & Co.
89 Main St.
Phone: RE 4-5681

AVON

4. Conn. Industrial Supply Co. Inc.
182 W. Main St.
Phone: OR 7-2343
5. Dillberg, Paul
Box 434
Phone: OR 7-1621
6. Duff & Co., William K.
P. O. Box 406
Phone: OR 7-9175
7. Galvin, Harry
329 Arch Rd.
Phone: OR 3-3039
8. Machine Tool Sales
Albany Tpke.

9. Smith-Keser & Co.
College Hwy.
Phone: OL 3-4401
10. Woods, William E.
151 Arch Rd.
Phone: OR 3-3697

BERLIN

11. Anderson, D. L.
242 Savage Hill Rd.
Phone: VA 8-3398
12. DeMore, George A.
121 Savage Hill Rd.
13. DeBree, John H.
12 Andrews St.
Phone: PI 3-5438

BLOOMFIELD

14. Amer. Cam Co. Inc.
96 Granby St.
Phone: CH 2-5511
15. Consolidated Amer. Machinery Co.
72 Granby St.
Phone: CH 2-7781
16. Pearce-Pearson Co. Inc.
23 Tobey Rd.
Phone: CH 2-7777
17. Selas Corp. of America
890 Park Ave.
Phone: CH 2-2342
18. Sullivan Tool & Supply Inc.
66 Granby St.
Phone: CH 2-2211

BRANFORD

19. VanCleaf & Co. Inc.
P. O. Box 247
Phone: HU 8-1666

BRIDGEPORT

20. Ackerlind Steel Co.
2131 Main St. (6)
Phone: ED 3-0776
21. Allied Research Products Inc.
107 Benedict Ave.
Phone: ED 3-4283
22. Allison-Campbell Div.
929 Connecticut Ave. (2)
Phone: FO 7-5351
23. Aluminum Co. of America
Atlantic St. (4)
24. Baxter Assoc.
800 South Ave.
25. Behn & Co. Inc., H. J.
P. O. Box 1659 (1)
Phone: FO 8-1676
26. Bellows-Valvair
2992 Fairfield Ave. (5)
Phone: ED 3-5425
27. Bobker Bearings
1363 State St. (5)
Phone: FO 8-3468
28. Bridgeport Brass Co.
30 Grand St. (2)
Phone: ED 4-1182
29. Carpenter Steel Co., The
116 Front St. (6)
Phone: ED 6-1105
30. Clinton Equip. Sales Inc.
570 Lindley St. (6)
31. Conlin Co., The
66 Elm St.
32. Davis Inc., H. G.
195 Dewey St.
Phone: FO 7-7427
33. Fluid Power Components Inc.
283 Grand St. (4)
Phone: FO 8-3421
34. Foard & Co., F. C.
P. O. Box 481 (1)
35. Grinding Inc.
40 Summerfield Ave. (8)
36. Handy & Harman
Phone: CL 9-8221
37. Hawley Hardware Co., The
1020 Fairfield Ave. (1)
Phone: FO 6-4541
38. Heppenstall
95 Howard Ave. (5)
Phone: ED 4-6111
39. Horen Co., Robert
964 Williams St.
Phone: DR 8-8484
40. Hunter & Havens Inc.
245 Water St.
Phone: ED 4-4191
41. Industrial Scale & Equip. Co.
235 Charles St. (6)
Phone: ED 4-5185

42. Kallins & Co., J. M.
1575 Railroad Ave. (5)
Phone: ED 3-9405
43. Lindquist Hardware Co., The
383 Fairfield Ave. (3)
Phone: FO 6-4351
44. Lucas, Austin D.
125 Lindley St. (8)
Phone: ED 4-9417
45. Lucas & Son Inc., J. L.
Post Rd. (5)
Phone: CL 9-3393
46. McCrellis Welding Supply Co.
651 Lindley St. (6)
47. Metro Industrial Supplies
338 Connecticut Ave. (7)
Phone: FO 7-7791
48. Motor Equip. Co. of Bridgeport
55 Crescent Ave. (8)
49. Nilson Machine Co., The
A. H.
P. O. Box 2062
50. Olshan Hardware & Mill Supply
713 Main St.
51. Oxy Acetylene Supply Co.
415 North Ave. (4)
52. Park City Supply Co.
63 Knowlton St. (8)
Phone: FO 8-2576
53. Parsons Brothers Inc.
16-37 E. Washington Ave. (1)
54. Patton, William H.
1035 Fairfield Ave.
55. Products Machine Co., The
990 Housatonic Ave. (1)
Phone: FO 7-8675
56. Remington Arms Co. Inc.
939 Barnum Ave. (2)
Phone: ED 3-1112
57. Spaulding Fibre Co. Inc.
2626 Main St. (6)
Phone: FO 6-4596
58. Sterling Electric Motors Inc.
P. O. Box 1057 (1)
Phone: ED 5-4444
59. Sun Oil Co.
P. O. Box 4084, Newfield Station (7)
Phone: FO 6-4351
60. Tamas, Michael C.
96 Wheeler Park Ave. (4)
Phone: EK 4-0015
61. Tek Bearing Co. Inc.
P. O. Box 72 (1)
62. Union Industrial Supply Inc.
719 Connecticut Ave.
P. O. Box 4065
Phone: ED 5-0134
63. Wright, John H.
921 Briarwood Ave.

BRISTOL

64. Bristol Hardware Co., The
51 N. Main St.
Phone: LU 3-4149
65. Cosgrove Tool Supply
96 N. Main St.
66. MacDermid Sales & Equip. Co.
Phone: LU 3-9369
67. New Departure Div. GMC
289 N. Main St.
Phone: LU 2-6371
68. Stella, C. J.
88 Goodwin St. (9)
Phone: LU 2-7183

BROOKFIELD

69. Wapakoneta Machine Co., The
Candlewood Shores
Phone: SP 5-9471

CANAAN

70. Hathaway Electronics Inc., Glenn M.
P. O. Box 797
Phone: TA 4-7215

CHESHIRE

71. Electric Furnace Co., The
968 Coleman Rd.
Phone: BR 2-4578
72. Grimes Engrg. Corp., The
Box 233
Phone: BR 2-3211

73. Natri, J. Robert
630 W. Main St.
Phone: BR 2-8829
74. Oakite Products Inc.
10 Rockview Dr.
Phone: BR 2-5155
75. O'Hara, Edward T.
1590 S. Main St.
Box 30
Phone: BR 2-8536
76. Stewart Miller Assoc. Inc.
1155 Long Hill Rd.
Phone: BR 2-6029

CLINTON

77. Burdon, Kenneth
113 Harbor Parkwy.
Phone: MO 9-8972

COLLINSVILLE

78. Libb Tool Co. Inc.
P. O. Box 164
Phone: OW 3-4170
79. Shevlin Co., Arthur R.
2 Bridge St.
Phone: OW 3-4727

COS COB

80. McFarland & Conchar
179 Valley Rd.
Phone: TO 9-0572

CROMWELL

81. Hydromation Engrg. Co.
c/o Dee Engrg. Co.
Phone: DI 6-7186

DANBURY

82. Barden Corp., The
200 Park Ave.
Phone: FI 3-9261
83. Conn. Hardware & Mill
Supply Co.
Federal Rd.
Phone: FI 3-5594
84. Guildford & Co., H. B.
Segar St.
Phone: FI 8-2700
85. Oakite Products Inc.
22 Lawncrest Ave.
Phone: FI 8-8870

DANIELSON

86. Pryor, Louis J.
1 Cove St.
Phone: PR 4-9437

DARIEN

87. Whelan Co., Robert M.
P. O. Box 1131
Phone: OL 5-0400

DAYVILLE

88. Beaman, H. H.
R. F. D. 1
Phone: PR 4-9843

DERBY

89. Hallock Co., F.
116 Main St.
Phone: RE 4-2531

DEVON

90. Vaughn, Paul R.
604 Naugatuck Ave.
Phone: TR 4-5768

EAST HARTFORD

91. Babson, Roger D.
221 Pitkin St. (8)
Phone: BU 9-2251
92. Bristol Metal Working
Equip.
2 Tolland St.
Phone: BU 9-2746
93. Consolidated Amer. Ma-
chinery Co.
221 Pitkin St.
Phone: CH 2-7781
94. Federal Products Corp.
914 Main St. (8)
Phone: BU 9-6263
95. Fuller Brush Co., The
88 Long Hill St. (22)
Phone: BU 9-3059
96. Hussey Co., Thomas F.
26 Saunders St. (8)
Phone: JA 8-3059
97. Kawie Tool Supply Co. Inc.
676 Tolland St. (8)
Phone: BU 9-4301
98. Lawrence, John L.
12 Green Manor Dr. (8)
Phone: BU 9-1756

99. Paton & Meegan
138 Silver Lane
Phone: BU 9-4654
100. Republic Steel Corp.
164 School St. (8)
Phone: BU 9-9301
101. Wetzel Tool Corp.
221 Pitkin St.
P. O. Box 182
Phone: BU 9-2748

EASTON

102. Lenahan, Robert
Bibbins Rd. 1
Phone: ED 8-3579
103. Peters, Joseph D.
Birch Dr.
Phone: ED 9-6643

ELMWOOD

104. Fink Co., Herman R.
South Rd. (10)
Phone: OR 7-0823
105. Whitney Tool & Supply Co.
85 Prospect Ave.
P. O. Box 31
Phone: JA 3-2158

ESSEX

106. Conn. Valley Enterprise
Inc.
P. O. Box 188
Phone: SO 7-1128

FAIRFIELD

107. Behn & Co., H. J.
750 State St. Ext.
Phone: FO 8-1676
108. Chappel & Co., L. H.
P. O. Box 505
Phone: CL 9-3319
109. Ex-Cell-O Corp.
1506 Post Rd.
P. O. Box 397
Phone: CL 9-3626
110. Holm-Hansen Co., V.
17 Centerbrook Pl.
Phone: ED 3-9288
111. Horen Co., Robert H.
P. O. Box 1112
Phone: DR 8-9484
112. Horvath, John
688 Judd St.
Phone: ED 3-8971
113. Judge Tool Sales Co.
48 Oldfield Dr.
P. O. Box 63
Phone: CL 9-4926
114. Lavers & Co., R. A.
330 S. Benson Rd.
Phone: CL 9-3519
115. Little Inc., William P.
1842 Black Rock Tpke.
Phone: ED 4-0837
116. Lucas & Son Inc., J. L.
Post Rd.
Phone: CL 9-3393
117. Oakite Products Inc.
314 Birch Rd.
P. O. Box 92
Phone: CL 9-9281
118. Redmer Transmission
Equip. Inc.
2189 Post Rd.
Phone: CL 9-5745
119. Seaburg, Harold E.
34 Smith St.
Phone: CL 9-3236
120. Wall Inc., E. F.
211 Bullard Rd.
Phone: ED 4-4282

FARMINGTON

121. Fink Co., Herman R.
South Rd.
Phone: OR 7-0823
122. Johnson, Arthur M.
62 Mt. Spring Rd.
Phone: AD 2-0857
123. Morris Co., The Robert E.
Farmington Ave.

GLASTONBURY

125. Korfund Co. Inc.
86 Buttonball Lane
Phone: ME 3-2531

126. Machinery Engrg. & Sales
Co.
360 New London Tpke.
P. O. Box 187
Phone: ME 3-1361
127. Palmer Co., R. T.
347A New London Tpke.
Phone: ME 3-7067

GLENBROOK

128. Brown & Stuart Inc.
P. O. Box 353
Phone: DA 4-3117

GREENWICH

129. Continental Screw Co.
21 W. Putnam St.
Phone: NO 1-7500

GROTON

130. Rae Bearings Service
350 Mitchell St.
Phone: HI 5-9771
131. Smith & Klebes Inc.
350 Mitchell St.

GUILFORD

132. Flexible Tubing Corp.
New Whitfield St.
Phone: GL 3-2777
133. Knapp Foundry Co.
Phone: GL 3-2744
134. Micromatic Hone Corp.
Boston Post Rd.
Phone: GL 3-2733
135. Bess Engrg. Sales
96 Fair St.
Phone: GL 3-5081
136. Woodworking Tool &
Supply
Old Trolley Rd.

HAMDEN

137. Airoyal Co., The
P. O. Box 5314 (18)
138. Ajax Electric Salt Bath
Furnaces
63 Mowry St. (18)
Phone: CH 8-3069
139. Botwinik Brothers Inc.
333 Welton St.
165 London Dr.
Phone: AT 8-0044
141. Clark Controller Co., The
P. O. Box 4293
Phone: AT 8-4535
142. Coe & Brown Co.
1348 Dixwell Ave.
P. O. Box 4331
Phone: AT 8-9211
143. Flagg Industrial Supply
2331 Whitney Ave. (18)
Phone: AT 8-2573
144. General Scientific Equip.
Co.
3055 Dixwell Ave. (18)
145. Gilbert & Richards Inc.
2558 Whitney Ave.
Phone: CH 8-5558
146. Halloran Equip. Co.
63 Mowry St. (18)
147. I-T-E
2315 Whitney Ave. (18)
P. O. Box 5335
Phone: AT 8-9273
148. Northeast Sales Engrg. Co.
3013 Dixwell Ave.
Phone: CH 8-4481
149. Rae Bearing Service
2348 Whitney Ave. (14)
Phone: CH 8-5501
150. Rotor Tool Co., The
1260 Whitney Ave.
Phone: AT 8-1040

HAMPTON

151. Continental Screw Co.
R. F. D. 1
Phone: GL 5-9045

HARTFORD

- 151A. Allis-Chalmers
750 Main St.
Phone: CH 6-5675
152. Aluminum Co. of America
Capitol Bldg.
410 Asylum St. (3)
Phone: JA 5-2191

CONNECTICUT

153. Austin-Hastings Co. Inc.
122 E. Service Rd. (5)
Phone: JA 5-3109
154. Bellows-Valvair
866 Park Ave.
Phone: CH 2-1681
155. Bidwell Hardware Co.
1293 Main St. (1)
Phone: JA 7-6443
156. Bidwell Rubber Co.
1296 Main St.
13 Webster St. (6)
Phone: AL 5-6563
158. Blesso Inc., Frank A.
286 Sheldon St. (14)
Phone: JA 7-6461
159. Bliss & Laughlin Inc.
645 Farmington Ave. (5)
Phone: AD 3-9900
160. Blodgett & Clapp
1419 Main St.
161. Brady Co., W. H.
119 Ann St. (3)
Phone: CH 7-1283
162. Carpenter Steel Co., The
3284 Main St. (1)
Phone: JA 7-7174
163. Carrier Corp.
35 Pear St., Room 519 (3)
Phone: CH 7-8108
164. Century Electric Co.
401 Crisward Bldg.
119 Ann St. (3)
Phone: CH 6-5465
165. Clare & Co., L.
23 Seneca Rd.
P. O. Box 1416
Phone: AD 3-2340
166. Cleveland Automatic Ma-
chine Co., The
119 Ann St. (3)
Phone: CH 7-8580
167. Coldwell Inc., Michael S.
289 Fairfield Ave.
Phone: JA 2-5832
168. Consolidated Amer. Ma-
chinery
P. O. Box 67
Phone: CH 2-7781
169. Crosscup Co., W. A.
3450 Main St.
Phone: JA 7-2639
170. Ensworth & Son Inc., L. L.
270 Locust St. (1)
Box 1170
Phone: CH 9-7791
171. Faxon Engrg. Co. Inc.
467 New Park Ave. (6)
Box 276, Station A
Phone: AD 6-4266
172. Fenn, Walter
126 Trumbull St.,
Room 202 (3)
Phone: CH 7-8301
173. General Controls Co.
119 Ann St.
Phone: CH 7-0300
174. General Electric Co.
764 Asylum ave. (5)
Phone: CH 6-6841
175. Gibson Engrg. Co.
141 Washington St. (6)
Phone: CH 7-6919
176. Glaholt Machine Co.
945 Asylum Ave. (5)
Phone: JA 2-3535
177. Grant Tool Supply Co.,
R. M.
65 Airport Rd. (1)
P. O. Box 722
Phone: JA 2-4288
178. H. B. Machinery Co.
77 Fishfry St. (1)
P. O. Box 445
Phone: CH 9-7679
179. Hamilton, Alfred J.
2996 Main St. (5)
Phone: CH 9-7697
180. Hartford Machine Screw Co.
P. O. Box 1440 (2)
Phone: JA 5-0821
181. Heppenstall Co.
945 Asylum Ave. (5)
Phone: CH 6-7434
182. Hope Rubber Co.
47 Airport Rd. (1)
Phone: JA 7-1876

SALES OFFICES

CONNECTICUT

HARTFORD (cont.)

183. Houghton & Co., E. F.
79 Farmington Ave.,
Room 210 (5)
Phone: CH 7-0600
184. International Nickel Co.
Inc., The
75 Pearl St. (3)
Phone: JA 7-0383
185. Jessop Steel Co.
111 Pearl St. (3)
Phone: JA 7-8106
186. Jones, Roger C.
62 La Salle Rd. (7)
Phone: AD 3-5504
187. Instruments & Controls
541 Windsor St.
Phone: CH 6-7431
188. Landis Tool Co.
945 Asylum Ave. (5)
Phone: JA 2-2623
189. Latrobe Steel
112 Prospect Ave.
Phone: AD 6-2561
190. Laurel Supply Corp.
Box 886
Phone: AD 3-1218
191. Leeds & Northrup Co.
2535 Albany Ave. (17)
Phone: AD 2-4474
192. Micro Switch Div.
885 Wethersfield Ave.
(14)
Phone: JA 7-0178
193. Morris Co., The Robert E.
Phone: AD 3-3663
194. Oakite Products Inc.
428 Capitol Bldg.
410 Asylum St. (3)
Phone: CH 7-8323
195. Plimpton & Hills Corp.
151 Earle St.
Phone: JA 2-4233
196. Pneumatic Engrg. Co.
181 Homestead Ave. (12)
Phone: CH 7-1614
197. Presto Battery Service Inc.
48 Edwards St.
Phone: AD 3-6147
198. Presto Hartford Inc.
585 New Park Ave. (10)
Phone: AD 3-6147
199. Rae Bearings Service
962 Wethersfield Ave.
(14)
Phone: JA 2-6147
200. Reynolds Metals Co.
945 Asylum Ave.
Phone: CH 9-7587
201. Rockwell Co., Stanley P.
296 Homestead Ave. (12)
Phone: CH 6-5621
202. Rudel Machinery Co.
7 S. Main St.
Phone: AD 3-9637
203. Silliter-Holden Inc.
433 New Park Ave. (1)
Phone: AD 2-4433
204. Smith Machinery Co. Inc.,
Lyman A.
179 Allyn St. (1)
Phone: JA 7-0105
205. Standard Foundry
186 Hamilton St.
Phone: CH 9-5664
206. Stewart-Warner Alemita
Sales Co.
320 Locust St. (14)
Phone: JA 7-1144
207. Stuart Oil Co. Ltd., D. A.
410 Asylum St., Room 336
(13)
Phone: JA 7-1144
208. Sullivan Tool & Supply Inc.
P. O. Box 1020 (1)
209. Sun Oil Co.
Riverside Dr.
Phone: BU 9-0291
210. Tek Bearing Co. Inc.
412 New Park Ave.
Phone: AD 3-4428
211. Tools & Gages Unlimited
221 Sisson Ave.
Phone: AD 2-3186
212. Tracy, Robinson & Williams
Co.
110 Airport Rd.
Phone: JA 2-7211
213. Union Carbide Plastics Co.
410 Asylum St. (3)
Phone: JA 5-3185

214. U. S. Steel Corp.
37 Lewis St. (3)
215. Universal-Cyclops Steel
Corp.
75 Pearl St. (3)
Phone: CH 9-8613
216. Wales STRIPPIT Inc.
111 Pearl St.
Phone: CH 7-8278
217. Whitney Tool & Supply Co.
1004 Broad St.
Phone: CH 7-8278
218. Zane Weldcraft Supplies
Inc.
47 Airport Rd. (14)

KENSINGTON

219. C R C Machinery
819 Farmington Ave.
Phone: VA 8-4128
220. Gotta & Landry
374 Main St.
Box 128
Phone: VA 8-3537
221. Stachelek, Norman
94 Kenwood St.

KENT

222. Eads & Co., G. Vernon
Phone: WA 7-3553

LITCHFIELD

223. Fabbri & Casadei Assoc.
P. O. Box 223
Phone: JO 7-8625
224. Hearn Assoc., G. Thomas
P. O. Box 418
Phone: JO 7-9111

MANCHESTER

225. Bernard Co., The
131 Charter Oak St.
Phone: MI 3-4833
226. Buckley, John
41 Cone St.
Phone: MI 9-1198
227. Denison Engrg. Div.
P. O. Box 608
Phone: MI 3-5107
228. Feingold, H. I.
521 E. Middle Tpke.
Phone: MI 3-4325
229. Fluid Engrg. & Sales Co.
181 E. Middle Tpke.
Phone: MI 9-0471
230. Gay Engrg. Co.
843 Main St.
Phone: MI 3-1501
231. General Tool Supply Co.
521 E. Middle Tpke.
Phone: MI 3-4325
232. Glroux, Fred
P. O. Box 609
Phone: MI 3-4461
233. Heilman, Jack
Apt. 56, Cooper Hill Apts.
Cooper Hill Rd.
Phone: MI 9-2129
234. Murphy & Co., J. M.
805 Main St.
Phone: MI 9-2129
235. Nelco Tool Co. Inc.
266 Center St.
Phone: MI 9-9646
236. Wilke Assoc., T. E.
340 Porter St.
Phone: MI 9-9646

MANSFIELD CENTER

237. Nolan, Donald
Pinewood Lane
Phone: HA 3-6755
238. Redlitz, Al
Juniper Lane

MERIDEN

239. Benson Co. Inc., E. M.
137 Colony St.
P. O. Box 823
Phone: BE 5-2531
240. Church & Morse Inc.
41-49 S. Colony St.
Phone: BE 5-1621
241. Coss Corp. of Conn.
58 Jeffrey Lane
Phone: BE 7-2500
242. Cuno Engrg. Corp., The
90 S. Vine St.
Phone: BE 7-5541
243. Diefenbach, John
250 Lydale Pl.
Phone: BE 5-3155
244. King Co., R. W.
140 Preston Dr.
Phone: BE 5-4606

245. Meriden-Cooper Corp.
172 Grove St.
246. Murphy, James E.
332 Swain Ave.
Phone: BE 5-6675
247. Stevenson, Robert S.
58 Jeffrey Lane
Phone: BE 7-6876

MIDDLE HADDAM

248. Conger, David L.
P. O. Box 117
Phone: AN 7-4365

MIDDLETOWN

249. Dittman & Greer Inc.
33 Pleasant St.
Phone: DI 6-0606
250. Harris, John O.
1 Glover Pl.
Phone: DI 7-2838
251. Jarvis Corp.
Pease Ave.
Phone: DI 7-3321

MILFORD

252. Atlantic Plant
Old Gate Lane
253. Bridgeport Steel Co.
1034 Bridgeport Ave.
Phone: TR 4-2591
254. Harlen Industrial Supply
Co.
458 Welch's Point Rd.
Box 501
Phone: TR 4-6326
255. Industrial Trucks Inc.
66 Boston Post Rd. at
West Ave.
Phone: TR 8-0691
256. Morris Co., The Robert E.
953 Bridgeport Ave.
P. O. Box 111
Phone: TR 4-1601
257. Tri-City Mill Supplies
P. O. Box 5
Phone: TR 4-9164
258. U. S. Electrical Motors Inc.

MYSTIC

259. Vars Industrial Supply Co.
33 Williams Ave.
P. O. Box 295
Phone: JE 6-9613

NEW BRITAIN

260. Braeburn Alloy Steel Corp.
89 W. Main St.
Phone: BA 5-3527
261. De Fazio, Joseph
14 Tremont St.
Phone: BA 9-4037
262. Hicks, Robert A.
144 Hickory Hill Rd.
Phone: BA 5-0453
263. Kavin Sales Co.
81 W. Main St.
South St. corner Sherrill
Phone: BA 3-2719
264. Milne & Co. Inc., A.
259 Main St.
Phone: BA 3-4183
265. Nelles, Russell E.
39 Harrison St.
Phone: BA 5-0607
266. New Britain Machine Co.
Phone: BA 9-1641
267. Rae Bearing Service
25 Bigelow St.
P. O. Box 378
Phone: BA 9-0315
268. Smith & Klebes Inc.
25 Bigelow St.
Phone: BA 9-0315
270. Union Mfg. Co.
296 Church St.

NEW CANAAN

271. Magnetics Inc.
15 Elm Pl.
Phone: WO 6-1583

NEW HAVEN

272. Air & Hydraulic Engrg. Co.
86 Howe St.
Phone: LO 2-9931
273. Ajax Magnethermic Corp.
384 Whalley Ave.
Phone: MA 4-2375

274. Alcar Machinery Co.
P. O. Box 1520
Phone: FU 7-5359
- 274A. Allis-Chalmers
265 Church St. (10)
Phone: ST 7-1176
275. Amer. Supply Co. Inc.
232 Cedar St.
276. Asher, Carryl A.
Box 2995, Westville
Station (14)
Phone: FU 7-0543
277. Barker Co., E. L.
258 Church St.
Phone: LO 2-1731
278. Bellows-Valvair
6 Broadway
Phone: CE 9-2952
279. Bethlehem Steel Co.
The Trust Co. Bldg.
205 Church St. (10)
Phone: UN 5-0833
280. Botwinik Brothers Inc.
333 Welton St. (9)
Phone: ST 7-5751
281. Bushnell Co., N. T.
289 State St.
Phone: LO 2-5194
282. Clark-Wright Corp.
2311 Whitney Ave.
P. O. Box 1896
Phone: AT 8-1638
283. Conn. Jewelers Supply Co.
14 Orange St. (10)
284. Cutler-Hammer Inc.
2331 Whitney Ave. (18)
Phone: CH 8-8353
285. Eastern Elevator Co. Inc.,
The
133 Mill River St. (6)
P. O. Box 1438
286. Electrical Manufacturers
Service
265 Church St. (10)
Phone: UN 5-9104
287. Ekin National Watch Co.
289-295 State St.
288. Enthone Inc.
P. O. Box 1906
289. Etter Engrg. Co.
P. O. Box 1944 (9)
Phone: AT 8-1115
290. General Electric Co.
129 Church St. (6)
Phone: MA 4-4101
291. Glebel Inc.
152 Temple St. (10)
Phone: LO 2-5149
292. Gilbert & Richards Inc.
2558 Whitney Ave. (18)
Phone: CH 8-5658
293. Harkins, Robert J.
173 Orange St. (10)
Phone: LO 2-3312
294. Industrial Saw Corp.
599 Grand Ave.
295. J-B Engrg. Sales Co. Inc.
310 East St. (8)
Phone: LO 2-9311
296. Macalaster Bicknell Co.
181 Henry St.
Phone: MA 4-4191
297. Magenau Co., William
425 W. Rock Ave. (15)
Phone: FU 7-7806
298. Masten Wright Corp.
P. O. Box 1896
Phone: AT 8-1638
299. Mersick & Co., C. S.
278 State St. (7)
Phone: UN 5-1111
300. Ober Co., The
Mt. Carmel P. O. Box 56
(18)
Phone: AT 8-0437
301. Olive Electric Supply Inc.,
The
121-123 Olive St.
Phone: LO 2-9986
302. Ottobruni, Harold
173 Orange St.
Phone: LO 2-3312
303. Oxy-Acetylene Supply Co.
347 Crown St.
304. Packtor Co., Bernard M.
P. O. Box 2983,
Westville Station (15)
Phone: SP 7-5456
305. Page Steele & Flegg Co.,
The
30 Prout St.

SALES OFFICES

CONNECTICUT

389. Yoder Co., The
503 Ridgeway Professional Bldg.
Phone: DA 4-3189

STRATFORD

390. Allen-Bradley Co.
1720 Barnum Ave.
Phone: DR 8-3636
391. Blakeslee & Co., G. S.
50 Moffatt St.
Phone: DR 8-4336
392. Cutting Tools Inc.
134 Seymour St.
Phone: DR 8-2030
393. Ellsworth Steel & Supply Co., The
1483 Stratford Ave.
Phone: ED 7-3317
394. Hiner Co., Gordon L.
2190 Elm St.
Phone: DR 8-4623
395. Horen Co., Robert H.
Dodge Ave.
Phone: DR 8-8484
396. Materials Handling Sales Co.
Ecclesiastical Lane
Phone: DR 8-7253
397. Pearce-Pearson Co.
2362 Main St.
Phone: DR 8-2992
398. Precision Tumbling & Supplies Co. Inc.
149 Ravencrest Dr.
Phone: ED 7-7390
399. Schipul, H. W.
239 Housatonic Ave.
Phone: ED 7-9647
400. Schoen Sales Co.
4783 N. Main St.
Phone: DR 8-8715
401. Screw Machine Tool Co.
P. O. Box 127
Phone: ED 7-5525
402. Smith, Eugene P.
1100 Essex Pl.
P. O. Box 127
Phone: ED 7-5525
403. Tek Bearing Co.
1795 Stratford Ave.
Phone: DR 8-2611

TAFTVILLE

404. Taftville Welding Supply Co.
35 Jewett City Rd.

TARIFFVILLE

405. Nagy, Ray J.
41 Main St.
Phone: OL 8-4419
406. Specialty Saw & Tool Co.
41 Main St.
Phone: OL 8-4419

TORRINGTON

407. Amer. Brass Co., The
179 Water St.
Phone: HU 9-3161
408. Fifield, Guy S.
7 Mason St.
Phone: HU 2-6182
409. Guildford & Co., H. B.
46 Evans St.
Phone: HU 2-5549
410. Torrington Mfg. Co., The
Phone: HU 2-4422

VERNON

411. Hallenbeck Co., N. P.
Baker Rd.
Phone: TR 5-4390

WALLINGFORD

412. Ryerson & Son Inc., Jos. T.
780 N. Colony Rd.
Box 188
Phone: CO 9-8744
413. Transmission Equip. Co. of Conn.
S. Colony Rd.
Phone: CO 9-4468

WAPPING

414. White, Richard I.
189 Avery St.

306. Pearson, Harold D.
513 Central Ave. (15)
Phone: FU 7-6812

307. Ferrigo Inc.
300-10 Wooster St. (9)
P. O. Drawer 1928

308. Fragst, George G.
416 Crown St.
Phone: SP 6-4932

- 308A. Reliance Electric & Engrg. Co.
1192 Dixwell Ave.,
Rm. 205
Phone: ST 7-0277

309. Reutter Corp., C. E.
Westville Station,
Amity Rd. (15)
Phone: FU 7-6616

310. Sosensky, N. & B.
246 Dixwell Ave.

311. Stevens Inc., Frederic B.
168 Brewery St. (11)
Phone: UN 5-0501

312. Sunnen Products Co.
152 Temple St. (10)
Phone: LO 2-5149

313. Tek Bearing Co. Inc.
376 Lombard St.
Phone: SP 7-5567

314. Vandeyck Churchill Co.
First National Bank Bldg.
42 Church St.
Phone: MA 4-1072

315. Wilkinson, J. D.
24 Lincoln St. (10)
Phone: UN 5-3050

NEWINGTON

316. Fenn Mfg. Co., The
Fenn Rd.
Phone: MO 6-2471

317. Revere Copper and Brass Inc.
81 Market Square (11)
Phone: MO 6-2491

318. Rouviere, Richard L.
27 Groveland Terrace

319. Seaboard Assoc.
50 Market Square (11)
Phone: MO 6-3562

320. Uddeholm Co. of America Inc.
2175 Berlin Tpke.
Phone: MO 6-5461

321. Warner & Swasey Co., The
85 Market Square (11)
P. O. Box 65
Phone: MO 6-0703

NEW LONDON

322. Auto Battery & Electric Co., The
95 Truman St.

323. S-P Mfg. Corp., The
P. O. Box 1071
Phone: GI 3-8185

324. Williams Co., G. M.
47 State St.

NEWTOWN

325. McKenzie Engrg. Co., The
78 S. Main St.
Phone: GA 6-2363

326. Turbo Tool Co. Inc.
P. O. Box C

NORTH HAVEN

327. Alroyal Co.
49 Tennyson Ave.

328. Bamber Tool Supplies Inc.
59 Broadway
Phone: CE 9-2561

329. Cleveland Tramrail Div.
Devine St.
Phone: CH 8-5561

330. Crucible Steel Co.
285 State St.
Phone: AT 8-2561

331. Currier Machine Sales Inc.
376 State St.
Phone: CH 8-4475

332. Harris Co. Inc.
24 McDermott Rd.
Phone: MA 4-5144

333. Lincoln Electric Co., The
381 State St.
Phone: AT 8-1737

334. Nickson Tool Sales Co.
170 Washington
Phone: CE 9-1661

335. Page, Steele & Flagg Co.,
The
370 State St.

336. Spaulding-Moss Co.
55 Broadway
Phone: CE 9-2569

OLD SAYBROOK

337. Jennings, Russell
P. O. Box 204
Phone: EV 8-9186

ORANGE

338. Earley, James D.
846 Beechwood Rd.
Phone: FU 9-1474

339. Harlen Industrial Supply Co.
540 Boston Post Rd.
Phone: TR 4-6226

340. Schenk, Charles R.
2 Tyler City Rd.
Phone: SY 5-9363

341. Wolfe & Assoc., Paul E.
460 Ridge View Rd.
P. O. Box 632
Phone: SY 5-4343

PLAINVILLE

342. Abel Transmission Inc.
33-37 W. Main St.
Phone: SH 7-1606

343. Ideal Machinery & Supply Co.
109 E. Main St.
Phone: SH 7-1651

344. Marlin-Rockwell Corp.
Woodford Ave.
Phone: SH 7-1771

345. Webster's Mill
57 N. Washington St.
Phone: SH 7-2787

PLANTSVILLE

346. Buteau, B. F.
Box 157
Phone: MA 8-6174

PORTLAND

347. Stokes Corp., F. J.
252 Main St.
Phone: DI 6-3601

PUTNAM

348. Peckham, F. H.
Box 488
Phone: WA 8-7171

349. Wyckoff Steel Co.
Phone: WA 8-2754

RIDGEFIELD

350. Russell, Holbrook & Henderson Inc.
R. R. 1, Wilton Rd., W.
Phone: ID 8-8492

ROCKVILLE

351. Browne, William H.
53 Reed St.
Phone: TR 5-1294

352. Conversion Chemical Co.
98 E. Main St.

353. "POP" Rivet Div.
Wilson Lane, R. F. D. 3
Phone: TR 5-6529

ROCKY HILL

354. Buckley & Co., Wm G.
P. O. Box 226
Phone: CH 7-4239

SANDY HOOK

355. Roberts, Archie F.
P. O. Box 49
Phone: NE 6-4550

SEYMOUR

356. Hush Co., The
Rimmon St.
Phone: TU 8-2653

SHELTON

357. McComb Assoc., R. J.
P. O. Box 20
Phone: RE 4-5653

358. Nilson Machine Co., The
A. H.
Bridgeport Ave.

359. Stahl, John
60 Perry Ave.

360. Trico Mfg. Corp.
Bridgeport Ave.
Box 509

361. Weed, Harold
4 Victory St.

SIMSBURY

362. Hendrickson, Blaine
162 Farms Village Rd.
Phone: OL 8-4152

363. Jackman, Arthur E.
42 Old Meadow Plain Rd.
Phone: OL 8-7415

364. Montgomery, James R.
Sheet Metal Machinery
17 Woodside Circle

365. Oberg Engrg. Sales Co.
20 Beaverbrook Rd.
Phone: OL 8-9060

366. Russell, Holbrook & Henderson Inc.
P. O. Box 291
Phone: OL 8-4960

367. Ward, William B.
7 Springbrook Lane
Phone: OL 8-7217

SOUTHINGTON

368. Aldi Co., James C.
108 Germania St.

369. Nienstadt, W. A.
Spring St.
Phone: MA 8-8749

SOUTH NORWALK

370. DeWaters & Son, F. G.
125 West Ave.

371. Douglas, Robert
7 Hollow Spring Rd.
Phone: VO 6-8257

SOUTHPORT

372. Dust Control Corp.
95 Harbor Rd.
Phone: CL 9-3349

373. Sanson, Edward J.
P. O. Box 224
Phone: CL 9-6484

SPRINGDALE

374. Crittides Machinery Co.,
C. G.
P. O. Box 62

375. Machlett Lab. Inc.
Phone: FI 8-7511

STAMFORD

376. Brown & Stuart Inc.
575 Hope St.
P. O. Box 353

377. Cahill & Son, C. E.
71 Federal St.
P. O. Box 1172

378. Conn. Plumbing Supply Co., The
11½ Chapel St.
P. O. Box 1215

379. Daggon, J. J.
209 Ocean Dr., E.
Phone: FI 8-2210

380. Denton & Anderson Co.,
The
259 Main St.

381. Henderson Co., F. B.
7 Gleason Ave.
Phone: DA 4-9243

382. Industrial Sales Engineers
471 Glenbrook Rd.
Phone: FI 8-3985

383. Leland Ohio Electric Co.,
The
26 6th St.

384. Martin, C. V.
P. O. Box 319
Phone: FI 8-2810

385. Martin Mill Supply Co.
201 Summer St.
Phone: 48-9261

386. Pitney-Bowes Inc.
387. Stokes Corp., F. J.
77 Bedford St.

388. West Co., Frank M.
18 Park Row

SALES OFFICES

CONNECTICUT

WASHINGTON

415. Lank, K. Herbert
Box 49

WATERBURY

416. Anstrave Co., G. R.
562 Huntington Ave.
417. Berser, Jean A.
653 Hamilton Ave.
Phone: PL 6-9090
418. Bowman Inc., A. D.
P. O. Box 1550
Phone: PL 8-2435
419. Bristol Co., The
P. O. Box 1790 TEDS
Phone: PL 6-4451
420. Chase Brass & Copper Co.
40 E. Farm St. (20)
Phone: PL 6-9444
421. General Mfg. Co.
66 N. Elm St.
Phone: PL 6-7806
422. Goedecke, Richard
987 Bank St.
423. Lee Mfg. Co., The
16 Cherry Ave. (20)
Phone: PL 3-5116
424. MacDermid Inc.
1000 Huntington Ave.
(20)
Phone: PL 4-6161
425. Swiss Machine Tool Co. Inc.
853 Hamilton Ave.
Phone: PL 6-9090
426. Tek Bearing Co. Inc.
69 Meriden Rd.
P. O. Box 3217
Phone: PL 3-2188
427. Templeton Inc., Charles A.
Meadow and Benedict
Sts. (28)
Phone: PL 6-4601
428. Valley Mill Supply Co., The
157 Hill St.
P. O. Box 254
Phone: PL 3-5417
429. White Supply Co., The
297 Thomaston Ave.
Phone: PL 6-4412

WATERTOWN

430. Crafts Co. Inc., Arthur A.
Box 75
Phone: LU 2-7766
431. Young & Assoc. Inc., W.
Wirt
16 Echo Lake Rd.
P. O. Box 6
Phone: CR 4-8841

WEATOCUE

432. Jackman, A. E.
P. O. Box 16
Phone: OL 8-7415

WEST HARTFORD

433. Aldrich, Lloyd C.
45 Shadow Lane
434. Allis Co., The Louis
14 Oakwood Ave.
P. O. Box 356
Phone: JA 3-4281
435. Antonez, Peter
35 Gifford Rd. (7)
Phone: AD 3-7126
436. Barnes Corp., John S.
1000 Farmington Ave. (7)
Phone: AD 2-6582
437. Bliss Co., E. W.
994 Farmington Ave.
Phone: AD 6-2317
438. Board, Ray
42 Carlyle Rd. (17)
Phone: AD 2-3721
439. Bush Co., Gordon W.
801 New Park Ave.
Phone: JA 3-5279
440. Cincinnati Milling &
Grinding Machines Inc.
10 N. Main St. (7)
Phone: AD 3-6771
441. Columbia Steel & Shafting
Co.
10 N. Main St. (7)
Phone: AD 2-4448
442. Cunningham Supply Inc.
674 Oakwood Ave.
Phone: JA 5-2626
443. Cutting Machine Co.
22 Walton Dr. (7)

444. David, A. M.
480 S. Main St.
Phone: AD 2-3590
445. DeALL Hartford Co., The
607 New Park Ave. (10)
Phone: AD 3-6261
446. Faxon Engrg. Co. Inc.
467 New Park Ave. (10)
Phone: CH 9-7551
447. Firth Sterling Inc.
25 Talcott Rd. (10)
Phone: JA 3-5266
448. Forsyth, T. S.
15 Oakwood Ave.
Phone: AD 6-3501
449. Gourlie Co., W. H.
62 LaSalle Rd. (7)
Phone: AD 6-2503
450. Grimes Engrg. Corp., The
38 Cody St. (10)
Phone: CH 7-2503
451. Grotheer, Alfred J.
101 Mohegan Dr.
P. O. Box 2031
Phone: AD 2-7065
452. Hammond, Lester H.
333 N. Steele Rd.
Phone: JA 3-0943
453. Hardinge Brothers Inc.
278 Park Rd. (7)
Phone: JA 3-4291
454. Harrington-Wilson-Daum
Corp.
62 LaSalle Rd.
P. O. Box 419
Phone: AD 3-5501
455. Hart Pump Engrg. Co.
P. O. Box 286 (7)
Phone: AD 6-2228
456. Hewitt-Robins
P. O. Box 423
457. Huron Machine Products
278A Park Rd.
P. O. Box 208
Phone: AD 3-7621
458. Industrial Safety Supply
Co. Inc.
574 New Park Ave. (10)
459. Johnston Assoc.
P. O. Box 321
Phone: AD 2-2576
460. Jones Agency, The.
Robert M.
40 Mountain Rd.
Phone: JA 3-4576
461. Kosowicz, Fran
2 Madsen Rd. (10)
Phone: JA 3-7853
462. Laurel Supply Corp.
557 New Park Ave.
P. O. Box 896
Phone: AD 3-1218
463. Lennie, James B.
22 Walton Dr. (7)
Phone: AD 3-4562
464. Machine Tool Sales
P. O. Box 426
465. Merrill Machinery.
Melville L.
124 LaSalle Rd. (7)
Phone: AD 3-1798
466. Morris & Co. Inc., Ray H.
69 Prospect Ave. (6)
P. O. Box 155
Phone: AD 2-4467
467. Morris Co., The Robert E.
967 Farmington Ave. (7)
P. O. Box 41
Phone: AD 3-3663
468. Nielsen Hydraulic Equip.
9 Grassmere Pl.
Phone: AD 3-2691
469. Norton Co.
10 Crossroads Plaza
Bishops Corner (17)
Phone: AD 3-6424
470. Ohio Crankshaft Co., The
993 Farmington Ave.
Phone: AD 3-1768
471. Olsen Tool & Supply Co.
14 Oakwood Ave. (7)
Phone: AD 6-2554
472. Parsons Diamond Products
22 Grassmere Ave. (10)
Phone: AD 6-2303
473. Penniman, Elisha
460 S. Main St. (10)
Phone: AD 3-3094
474. Poita, Harold
44 Lancaster Rd.
Phone: JA 3-9745

WEST HARTFORD (cont.)

475. Pratt & Whitney Co. Inc.
505 Oakwood Ave. (1)
Phone: AD 3-7561
476. Rudel Machinery Co. Inc.
7 S. Main St. (7)
P. O. Box 14
Phone: AD 3-9637
477. Savery Tool Sales Co.
62 LaSalle Rd. (7)
Phone: AD 3-1330
478. Secor, R. W.
66 Brightwood Lane
Phone: AD 2-7981
479. Smith Assoc., Earl Elwyn
7 S. Main St. (7)
Phone: AD 3-1211
480. Smith Co., R. F. W.
34 Long View Rd.
Phone: AD 3-2785
481. Standard Die Set Co.
988 New Britain Ave.
Phone: JA 7-5246
482. Standard Gage Co. Inc.
1007 Farmington Ave.,
Room 15
Phone: AD 6-1166
483. Stevens Machinery Co.,
O. C.
76 LaSalle Rd. (7)
Phone: AD 3-3639
484. Sullivan, H. F.
967 Farmington Ave.,
Room 205 (7)
Phone: AD 2-5814
485. Sundstrand Machine Tool
62 LaSalle Rd., Room 215
(7)
Phone: AD 6-2307
486. Swanson, B. Walter
81 Rumford St.
Phone: JA 3-4315
487. Syntrol Conn. Sales Co.
7 S. Main St., Room 205
(7)
Phone: AD 3-3269
488. Thomas Co., Kenneth F.
998 Farmington Ave.,
Suite 219 (7)
Phone: AD 3-5847
489. Tool Assoc.
39 Crestwood Rd. (7)
Phone: AD 6-0003
490. Van De Water-Schmidt &
Co. Inc.
181 Park Rd. (7)
Phone: AD 3-8531
491. Wellington Supply Co., The
1052 New Britain Ave.
(10)
Phone: AD 3-4457
492. Zaslow Sales Co.
108 Foxcroft Rd.
Phone: AD 6-3265

WEST HAVEN

493. Butterfield, Raymond V.
380 Union Ave. (16)
Phone: WE 4-1467
494. Fork Trucks Inc.
349 Front Ave. (16)
Phone: WE 3-5415
495. Fuller Merriam Co.
P. O. Box 69 (16)
496. Machinery Dealers Inc.
Wood St. & 1st Ave.
Phone: WE 3-2535

WESTPORT

497. Ind. Gear Works Inc.
32 Mayflower Parkway.
Phone: CA 7-0233
498. Wassung, John
Baker Ave.

WEST REDDING

499. Pattison, Robert W.
P. O. Box 11
Phone: WE 8-2323

WEST SUFFIELD

500. Oakite Products Inc.
500 Mountain Rd.
Phone: NO 8-7459

WETHERSFIELD

501. Ampco Metal Inc.
65 Wells Rd. (9)
Phone: JA 9-1094
502. Barksdale Co.
82 Collier Rd.
Phone: JA 9-5391

503. Beisel Machinery Co.
P. O. Box 161
Phone: JA 9-4207
504. Fippinger, F.
59 Farmingdale Rd.
Phone: JA 9-3794
505. Furey & Son, John
264 W. Brimfield Rd.
Phone: JA 9-0356
506. Terhune, Norman B.
134 Forest Dr.

WILTON

507. Thornton, Donald B.
Linden Tree Rd.
Phone: PO 2-5433

WINDSOR

508. Carlson Co., J. L.
Box 142
Phone: MU 9-4331
509. Chaynon Co.
70 Mack St.
Phone: MU 8-1446
510. Western Gear Corp.
1045 Poquonock Ave.
Phone: MU 8-1315
511. Whitehead Metals Inc.
Hartford-Springfield
Expressway.
Phone: MU 8-4921

WINDSOR LOCKS

512. Cosgrove, Joseph
7 Arlington Rd.
Phone: NA 3-0190

WOODBURY

513. Projecto-Graph Instru-
ment Corp.
Grassy Hill Rd.
Phone: CO 4-5303

DELAWARE

BRIDGEVILLE

1. Newton & Son Co., O. A.
Industrial Dept.

DOVER

2. Voshell Brothers Welding
Co.
Dover St. & S. Governor
Ave.

WILMINGTON

3. Aluminum Co. of America
1402 Delaware Trust
Bldg. (1)
4. Anchor Welding Supply
1330 Thatcher St.
5. Bearings Inc.
16th & Governor Printz
Blvd.
Phone: OL 6-2511
6. Del. Hardware Co.
Shipley at 2nd St. (99)
7. Holloway Brothers Tools
Inc.
4416 Kirkwood Hwy. (8)
P. O. Box 86
Phone: WY 4-5768
8. Hudson Supply Co.
117 Market St. (99)
Phone: OL 6-3206
9. Industrial Models Inc.
2311 Seconet Rd. (3)
Phone: SY 8-5954
10. Lilly Co. Inc., David B.
102 N. Cleveland Ave. (5)
Phone: OL 4-8844
11. Lindsay-Oberholzer Co. Inc.
10 "A" St.
12. Monaco, Jack
1524 W. 7th St.
Phone: OL 2-4169
13. Oakite Products Inc.
14 Stone Hill Rd. (3)
Phone: OL 4-8504
14. Pyles East Coast Co.
2711 Market St. (2)
Phone: OL 8-7802
15. Stelwagon Mfg. Co.
2418 W. 6th St.
16. Syntrol Philadelphia Sales
Co.
2513 N. Broom St. (2)
Phone: OL 5-0508

DISTRICT OF COLUMBIA

WASHINGTON

1. Allegheny Ludlum Steel Corp.
Rust Bldg.
1001 15th St., NW. (5)
Phone: EX 3-4232
- 1A. Allis-Chalmers
777-14th St., NW. (5)
Phone: EX 3-3800
2. Alpha Instrument Co. Inc.
1213 20th St., NW. (6)
3. Aluminum Co. of America
1300 Ring Bldg. (6)
4. Amer. Brass Co., The
1511 "K" St., NW. (5)
Phone: EX 3-5867
5. Amer. Machinery & Supply Co.
1237 22nd St., NW.
6. Amer. Machinery & Supply
1812 "N" St., NW. (6)
Phone: ST 3-7915
7. Baldwin-Lima-Hamilton
1000 Connecticut Ave., NW. (6)
Phone: EX 3-5858
8. Bausch & Lomb Optical Co.
1324 Eye St., NW. (5)
Phone: RE 7-1818
9. Bel Welding & Supply Co. Inc.
1921 47th Ave., NE. (27)
Phone: SP 3-5300
10. Bethlehem Steel Co.
600 Solar Bldg.
1000 16th St., NW. (6)
Phone: EX 3-4720
11. Bliss Co., E. W.
1000 Vermont Ave., NW.
Phone: EX 3-3531
12. Bridgeport Brass Co.
Suite 427, Wyatt Bldg.
777 14th St., NW.
Phone: EX 3-7433
13. Brooks & Perkins Inc.
1632 "K" St., NW. (6)
Phone: ST 3-7782
14. CSA
934 Shoreham Bldg. (5)
Phone: NA 8-7606
15. Caffery Glass Co., Don
1833 Jefferson Pl., NW. (6)
Phone: NA 8-3836
16. Carey Machinery & Supply Co.
2361 Sherman Ave., NW. (1)
Phone: DU 7-2204
17. Carrier Corp.
345 Investment Bldg. (5)
Phone: EX 3-5540
18. Commercial Engrg. Co. Inc.
1637 "K" St., NW. (6)
Phone: NA 8-9238
19. Cooper & Minich Inc.
1346 Connecticut Ave. (2)
20. Daystrom Inc.
425 13th St., NW. (4)
Phone: DI 7-3636
21. Del. Valley Machinery Inc.
Room 612, DuPont Circle Bldg.
1346 Connecticut Ave., NW. (6)
Phone: NO 7-1534
22. Designers for Industry Inc.
Hotel Continental
Phone: NA 8-1672
23. Dietzen Co., Eugene
407 10th St., NW. (4)
Phone: DI 7-7566
24. Eclipse Air Brush Co.
1108 9th St., NW. (1)
Phone: NO 7-4084
25. Elliott Co., The J. H.
3101 New York Ave., NE. (2)
Phone: LA 6-5510
26. Ex-Cell-O Corp.
919 18th St., NW., Suite 750 (6)
Phone: NA 8-0771
27. Fairbanks, Morse & Co.
1012 14th St., NW. (5)
Phone: DI 7-6894
28. Fries, Beall & Sharp Co.
734 16th St., NW.

29. Gardner-Denver Co.
6200 Chillum Pl., NW. (11)
Phone: RA 3-6366
30. General Electric Co.
777 14th St., NW. (6)
31. General Engrg. & Sales Co.
Room 501 Folger Hibbs Bldg.
725 15th St., NW.
Phone: NA 8-1005
32. Harrison Engrg. Services
305-306 Mills Bldg. (25)
Phone: DI 7-3309
33. Hatfield Co., R. E.
1000 National Press Bldg. (4)
Phone: ME 8-0221
34. Heppenstall
777 14th St., NW. (5)
Phone: NA 8-8127
35. Herrity, John J.
National Press Club Bldg. (4)
Phone: NA 8-6561
36. Hitchcock, E. R.
734 15th St., NW.
Phone: EX 3-5635
37. Horner Elevator Co. Inc.
1607 Corcoran St., NW. (9)
38. Howells, Henry C.
910 Washington Blvd.
New York Ave. at 15th St., NW. (5)
Phone: NA 8-2425
39. Hughes Co., John
6222 N. Capitol St. (11)
40. Humphrey, L. G.
711 Woodward Bldg. (5)
Phone: ME 8-3809
41. I-T-E
1012 14th St., NW. (5)
Phone: DI 7-2326
42. Industrial Sales Co.
1507 "M" St., NW. (5)
Phone: AD 4-5700
43. Ingersoll-Rand Co.
1627 "K" St., NW. (6)
Phone: NA 8-5065
44. Jenkins, Richard Hunter
3000 16th St., NW. (11)
Phone: RA 6-7782
45. Jessop Steel Co.
747 Washington Bldg.
15th & New York Ave., NW. (5)
Phone: RE 7-2845
46. Jodon Inc., F. R.
8510 Beech Tree Rd., (14)
Phone: EM 5-1515
47. Kearfott Div.
777 14th St., NW., Suite 611 (5)
48. Korfund Co. Inc., The
1420 New York Ave., NW. (5)
Phone: ST 3-7959
49. Leeds & Northrup Co.
Phone: SP 4-9268
50. Leet Brothers Inc.
1221 Eye St., NW.
Phone: NA 8-0308
51. Lincoln Electric Co., The
1073 31st St. (7)
Phone: FE 7-1228
52. Linde Co.
Room 800, Wyatt Bldg.
777 14th St., NW. (5)
53. Link Div.
611 Wyatt Bldg.
711 14th St., NW.
Phone: EX 3-0612
54. Lord Mfg. Co.
Suite 1, Baronet Bldg.
1737 "H" St., NW. (6)
Phone: DI 7-3991
55. Lyon, Conklin & Co. Inc.
711 Edgewood St., NE. (17)
56. Maguire Co., J. J.
742 Investment Bldg. (5)
Phone: NA 8-4247
57. Mallory & Co. Inc., P. R.
1401 "K" St., NW. (5)
Phone: EX 3-0900
58. Micro-Switch Div.
4926 Wisconsin Ave., NW. (16)
Phone: EM 2-9050

WASHINGTON (cont.)

59. Mueller Brass Co.
Room 218, Shoreham Bldg.
15th & "H" Sts., NW. (5)
Phone: EX 3-4045
60. Nelson Stud Welding Div.
1073 31st St., NW. (7)
Phone: FE 3-3321
61. Noland Co. Inc.
136 "K" St., NE. (13)
Phone: ST 3-0050
62. Peake Assoc., Rex
1025 Connecticut Ave., NW.
Phone: ME 8-6340
63. Potomac Industrial Trucks Inc.
1273 1st St., SE. (3)
Phone: LI 6-2929
64. Purolator Products Inc.
927 15th St., NW., Room 300-302 (5)
Phone: ST 3-7349
65. R & M Saw & Tool Co.
448 Eye St., NW. (1)
Phone: ST 3-0998
- 65A. Reliance Electric & Engineering Co.
1408 N. Fillmore St.
Phone: JA 5-5744
66. Reynolds Metals Co.
503 World Center Bldg. (6)
Phone: NA 8-3356
67. Robertson Co., Arthur I.
1108 9th St., NW. (1)
68. Rosan Inc.
Room 230, Shoreham Bldg.
15th & "H" Sts., NW.
Phone: ST 3-1188
69. Rosenberg Co., Arnold
723 15th St., NW. (5)
Phone: EX 3-1174
70. Rudolph & West Co.
605-11 Rhode Island Ave., NE.
71. Schramm Inc.
1234 23rd St., NW. (7)
72. Sciaky Brothers Inc.
1500 Massachusetts Ave., NW. (5)
Phone: CO 5-5610
73. Secrest Machinery Co.
1507 "M" St. (5)
Phone: AD 4-5700
74. Sexton and Peake Inc.
1025 Connecticut Ave., NW., (6)
75. Sinclair Refining Co.
401 Farragut St., NE. (11)
76. Smith Machinery Inc.
1116 Richards St. (5)
P. O. Box 2457
Phone: CO 5-5034
77. Smith Co., Theodore L.
412 Albee Bldg.
Phone: DI 7-6441
78. Soraghan & Assoc., Joseph C.
1413 "K" St., NW. (6)
Phone: ST 3-3612
79. Southern Utilities
1126 9th St., NW.
Phone: NO 7-2241
80. Spotswood, William S.
2119 New York Ave., NE. (2)
Phone: LA 6-0070
81. Standard Auto Supply Co.
1835 14th St., NW.
Phone: HO 3-1000
82. Summerbell Co., William E.
Dupont Circle Bldg. (6)
Phone: HU 3-3354
83. Sun Oil Co.
604 Commonwealth Bldg.
1625 "K" St., NW.
Phone: NA 8-3266
84. Swane, William
5838 13th Pl., NW. (11)
85. Swigart Co., The E. & J.
930 "E" St., NW. (4)
86. Terry Inc.
1242 20th St., NW.
Phone: FE 7-6960
87. Thompson & Cooke Inc.
1218 11th St., SE. (3)
Phone: LI 4-4238

DISTRICT OF COLUMBIA

88. Timken Roller Bearing Co., The
823 Transportation Bldg. (6)
Phone: RE 7-6068
89. Underwood & Assoc., John G.
1426 "G" St., NW.
Phone: DI-1646
90. Universal-Cyclops Steel Corp.
1025 Connecticut Ave. (6)
Phone: EX 3-3222
91. Viereck & Co. Inc., George E.
1507 "M" St., NW. (5)
Phone: CO 5-5034
92. Washington Imperial Co.
1812 "N" St., NW. (1)
Phone: ST 3-7913
93. Washington Scale & Equip. Co. Inc.
1107-99 New Jersey Ave., NW. (1)
94. Weaver & Sons, W. T.
1206 Wisconsin Ave., NW. (7)
95. Werres Co. Inc., Paul H.
1832 "M" St., NW. (6)
Phone: NA 8-5810
96. Western Industrial Products
1021 "H" St., NW. (1)
97. Westinghouse Air Brake Co.
916 Ring Bldg.
1200 18th St., NW. (6)
Phone: RE 7-7445
98. Woolley, David
2000 "P" St., NW. (6)
Phone: DE 3-3172
99. Wright, Spencer H.
801 Bowen Bldg.
815 15th St., NW. (5)
Phone: NA 8-0770
100. York Corrugating Co.
1933 Montana Ave., NE. (2)

FLORIDA

ANNA MARIA

1. Dobbe, Frank A.
P. O. Box 965
Phone: BR 9-4943
2. Gulf Instrument Assoc.
P. O. Box 828
Phone: AN 9-5201

BOCA RATON

3. Aeromark Corp.
NW. 28th St. & NW. 7th Ave.
Boca Airbase
4. Critchfield, C. R.
P. O. Box 1275
Phone: CR 8-1005
5. Pohl & Assoc., Walter M.
105 E. Palmto Park Rd.
P. O. Box 68
Phone: 4179
6. Wright Industrial Tool Corp.
P. O. Box 725
Phone: BO-6768

BRADENTON

7. Leavell, Jr., William A.
P. O. Box 841
8. Watkins, Jack B.
2002 14th Ave., W.
Phone: 5-9661

BRADENTON BEACH

9. Meyer Co., The Russell F.
P. O. Box 814
Phone: BR 9-3042

CASSELBERRY

10. Johnson Assoc. of Fla.
P. O. Box 1676
Phone: MI 4-3311

CLEARWATER

11. Ju-No Supply Co.
1605 N. Hercules St.
P. O. Box 1116
Phone: CL 3-9551

SALES OFFICES

FLORIDA

CLEARWATER (cont.)

12. Leu Inc., Harry P.
P. O. Box 636
13. Nelson Stud Welding Div.
1410 S. Fort Harrison
Phone: 3-2546
14. New Departure Div. GMC
1152 Cleveland St.
Phone: CL 39-8221
15. St. Clair Equip. Co.
300 E. South St.
Phone: 36-4031
16. Savage, Ira M.
1360 Woodbine St.

COCOA

17. Christopher Co. of Cocoa
Inc., J. G.
534 St. John St.
P. O. Box 668
Phone: 2240

COCOA BEACH

18. Cameron & Barkley Co.,
The
P. O. Box 787
19. Specialized Equip. Corp.
P. O. Box 323
Phone: SU 3-3328

CORAL CABLES

20. McNair, N. J.
P. O. Box 417
21. Morton Machinery Sales
6500 Chapman Field Dr.
(34)
Phone: MO 7-5392
22. Pearce Tool & Gage Co.
154 Giralda Ave.

DANIA

23. Scheer, H. J.
P. O. Box 364
Phone: WA 3-2715
24. Thomson Mfg. Co., Judson
L.
P. O. Box 365
Phone: WA 3-4218
25. Wosenitz Gage & Instru-
ment
40 SE. 12th St.
Phone: WA 3-3748

DAYTONA BEACH

26. Helfer, L. C.
3176 S. Peninsula Dr.
27. Steier, A. G.
P. O. Box 5206
Phone: CL 2-3433
28. Williams Supplies, H. R.
P. O. Box 786

DEERFIELD BEACH

29. Industrial Plastics Inc.
Box 385
Phone: BO 8090
30. Jackson, Don C.
1403 SE. 8th Ct.
Phone: BO 4399

FORT LAUDERDALE

31. Air & Hydraulics Engrg.
Inc.
421 NW. 33rd Terrace
Phone: LU 3-5857
32. Consolidated Equip. Co.
819 Progresso Dr.
Phone: JA 3-5053
33. Crosby Co., The
3013 NE. 12th Terrace
Phone: LO 6-8617
34. Duncan-Edward Co.
597 S. Andrews Ave. at
6th St.
Phone: JA 2-1461
35. Gulf Machinery Sales
500 NE. 32nd St.
36. Hoyos, Luis G.
2212 NE. 15th Ave.
Wilton Manors
Phone: LO 6-2771
37. Industrial Cutter & Supply
3981 SW. 12th Ct.
Phone: LU 3-1418
38. Jubell, Harry G.
3037 Harbor Dr., Apt. 14
Phone: JA 4-4549

39. Kenco Industrial Equip.
Times Square Bldg. F
Federal Hwy. & Oakland
Blvd.
P. O. Box 4663
Phone: LO 4-3286
40. Lauderdale Tools
224 Bay Berry Drive
Phone: LU 3-5674
41. Plata, Joe
4750 NW. 1st Ct.
42. Smith, W. Chester
207 E. Broward Blvd.
43. Southeast Machinery Co.
1525 S. Andrews Ave.
Phone: JA 3-3429
44. Tri-State Mfg. & Service
Inc.
815 NW. 6th Ave.
Phone: 3-8618

FORT MYERS

45. Scott, L. E.
1424 Collins Rd.
Phone: WE 6-1765
46. Townsend, Austin
P. O. Box 324

FORT PIERCE

47. Caverno, C. Walter
402 N. 21st St.

GAINESVILLE

48. Baird Hardware Co.
P. O. Box 58
49. Bridges & Assoc., Roy
1802 SW. 1st
Phone: FR 6-6676

GULF BREEZE

50. Crane Packing Co.
P. O. Box 566
Phone: YE 2-2700

HIALEAH

51. Astronautics Engrg. Corp.
550 W. 18th St.
Phone: TU 7-8114
52. Cleco Air Tools
1080 E. 45th St.
Phone: MU 8-4795
53. Fullerton Metals Co.
915 W. 20th St.
Phone: TU 8-8424
54. Howarth Machine Tool
Sales
1101 E. 25th
55. Latrobe Steel Co.
4342 E. 10th Ct.
Phone: MU 8-4641
56. Limpach, Frank W.
330 W. 47th St.
Phone: TU 7-0754
57. Lyons Machinery Inc.
P. O. Box 1027
Phone: TU 8-4212
58. Marshall Bolt & Nut Co.
839 SE. 9th Ct.
59. Vee-A Materials Handling
Inc.
1035 E. 30th St.

HOLLYWOOD

60. Colton, Fred
1020 N. 11th Ct.

INDIAN RIVER CITY

61. Brown & Assoc. Inc., W. A.
201 Capron Rd.
P. O. Box 286
Phone: TI 1086

JACKSONVILLE

62. Aenckbacher, Hubert
2137 University (11)
Phone: RA 4-7925
63. Air & Hydraulics Engrg.
Inc.
P. O. Box 432
Phone: EL 4-8454
64. Alemite Co. of Fla. Inc.
5281 Edgewood Ct. (5)
P. O. Box 6576
- 64A. Allis-Chalmers
1638 San Marco Blvd.
Phone: EX 8-6441
65. Baisden & Co.
2316 Villanova
Phone: PO 4-6416
66. Baker Brothers
812 Russell St.
Phone: EL 5-6526
67. Bethlehem Steel Co.
101 Cantee St. (3)
Box 3549, West Bay
Station
Phone: EL 6-2466
68. Cameron & Barkley Co.,
The
605 E. Forsyth St. (1)
P. O. Box 659
Phone: EL 6-0211
69. Carrier Corp.
5545 Arlington Rd. (11)
P. O. Box 8711
Phone: RA 5-3844
70. Century Electric Co.
Room 1, David Bldg.
Corner Main & 7th St. (6)
P. O. Box 3685
Phone: EL 3-1162
71. Chain Belt Co.
1641 Harwell St.
Phone: EL 3-5739
72. Chainveyor Corp.
1306 Oak Haven Rd. (11)
Phone: RA 4-5905
73. Christopher Co., J. G.
416-22 Bay St.
Phone: EL 3-3961
74. Circuit Engrg. Inc.
1565 San Marco Blvd. (7)
Phone: FL 9-2114
75. Consolidated Service Co.
400 N. Myrtle Ave.
Phone: EL 4-3661
76. Curlin & Sons Inc., R. B.
511 Champion St.
Phone: EL 5-0265
77. Curtin & Co., W. H.
P. O. Box 606
78. Cutler-Hammer Inc.
P. O. Box 8334 (11)
Phone: RA 5-2845
79. Davis & Marr Supply Co.
P. O. Box 2068 (5)
Phone: 7-8625
80. Distributors Warehouse
1355 W. Beaver St. (3)
P. O. Box 2723
81. Dixie Bearings Inc.
1826 Ionis St.
Phone: EL 6-2618
82. Equip. Sales Co.
2016 Walnut St.
Phone: EL 4-6981
83. Farmer Co., C. W.
100 Stockton St.
84. Farquhar Machinery Co.
2120 Market St. (6)
Box 3275, Station F
Phone: EL 5-6471
85. Fyler Co., Anson
P. O. Box 7035
Phone: EX 8-8191
86. General Electric Co.
1901 Hill St. (2)
Station G, Box 48
87. General Engrg. Co.
P. O. Box 2326 (3)
Phone: EL 3-3686
88. Ga. Supply Co.
821 Bay St., E.
P. O. Box 28
Phone: EL 3-8467
89. Grady Co., James M.
1062 W. Adams St. (4)
Phone: EL 4-6766
90. Harry's Equip. Rentals Inc.
1750 E. Duval St. (6)
91. Hartman, Lester J.
4911 Apache Ave. (5)
Phone: EV 8-2841
92. Holley-Edwards Sales Inc.
1738 E. Adams St.
P. O. Box 4918
Phone: EL 5-1671
93. Hubbard Co., The S. B.
36-38 W. Bay St. (1)
94. Ivey Tool & Die Co., H.
Grady
2372 Forrest Blvd. (11)
95. M-H Industrial Equip. Co.
1062 W. Adams St. (4)
Phone: EL 3-1229
96. MacLean, James
192 W. 67th St.
97. Marks Oxygen Co.
P. O. Box 4526
98. Moffatt Bearings Co.
1654 Walnut St.
Phone: EL 6-3357

JACKSONVILLE (cont.)

99. Morgans Inc.
2200 McCays Creek Blvd.
(3)
Phone: EL 5-1519
100. Noland Co. Inc.
929 E. Bay St.
Phone: EL 3-9621
101. Norma-Hoffmann Bearings
Corp.
4165 Spring Glen Rd.
Phone: EX 8-0294
102. Oakite Products Inc.
E. Union & Ionis Sts.
Station G
Phone: EL 3-5721
103. Palmer Machinery Co.
4501 Beverly Ave. (10)
P. O. Box 7188
Phone: EV 8-0788
104. Parker & Mick Equip.
Sales Inc.
3451 W. Beaver St. (5)
Phone: EV 7-5518
105. Petroleum Engrg. Co. Inc.
820 Talleyrand Ave. (6)
P. O. Box 1978
106. Reichhold Chemicals Inc.
P. O. Box 6427 (5)
Phone: EV 9-8631
- 106A. Reliance Electric & Engrg.
Co.
6957 Lillian Rd.
Phone: RA 4-7090
107. Renfro Industrial Products
Inc.
1926 Sparring St. (1)
108. Republic Steel Corp.
301 First Federal Savings
Bldg. (2)
Phone: EL 6-0727
109. Reyle, C. M.
1154 Eutaw Pl.
Phone: EL 4-5454
110. Scott Machine Tool Co.
1111 Legay Ave.
Phone: EV 4-1902
111. Sinclair Refining Co.
P. O. Box 4009 (1)
112. Smith & Co., Robert P.
1446 June St. (7)
Phone: EX 8-0531
113. Snap-on Tools Corp.
1001 Walnut St. (6)
Phone: EL 4-4469
114. Southern Pipe & Supply Co.
3440 Evergreen Ave.
P. O. Box 2429
Phone: EL 3-7301
115. Standard Oil Co.
Phone: EL 4-5651
116. Sun Oil Co.
1939 Hendricks Ave. (7)
Phone: EX 8-5715
117. Tate Engrg. Inc.
708 Flagler Ave.
118. Taylor Industrial Equip.
Arnot Bldg.
Phone: CH 9-2417
119. Tull Metal & Supply Co.
Inc., J. M.
5336 Highway Ave.
Phone: EV 7-5561
120. Ulsch, N. M. (Mac)
P. O. Box 1761
Phone: FL 9-9051
121. Vascoloy-Ramet Corp.
2316 Villanova
Phone: PO 4-6416
122. Wallace Equip. Co.
Foot of W. Adams St. (4)
123. Wallis Co., J. B.
312 Exchange Bldg.
218 W. Adams St. (2)
Phone: EL 5-9790
124. Ward Engrg. Co. Inc.
2727 Phyllis St.
Phone: EV 8-7656
125. Warner, H. C.
1715 Lorimer Rd. (7)
P. O. Box 5801
Phone: FL 9-3266
126. Westinghouse Air Brake Co.
1077 Kings Ave., Room
204 (7)
Phone: EX 8-3389

SALES OFFICES

JUPITER

127. Pratt & Whitney Co. Inc.
8 5th St.
P. O. Box 759
Phone: JU 4535

LAKELAND

128. Ajax Electric Salt Bath
Furnaces
P. O. Box 2037
Phone: MU 6-5135
129. Equip. Service Inc.
New Mulberry Hwy.
130. Food Machinery & Chemical Corp.
Fla. Div.
131. Linder Industrial Engrg.
5325 Mulberry Rd.
P. O. Box 2037
Phone: MU 6-5135
132. Logan Co.
1817 Shady Lane
Phone: MU 2-1123
133. Mine & Mill Supply Co.
301 S. Central St.

LAKE WORTH

134. Gaylord Sales
125 Hypoluxo Rd.
Phone: JU 5-2202
135. Tool Assoc. Inc.
8 S. "J" St.
P. O. Box 763
Phone: JU 5-4789

LANTANA

136. Modco Tools
P. O. Box 8505
137. Valente Metals
P. O. Box 8505

LARGO

138. Dimmick, I. C.
2148 8th. SW.
Phone: JU 4-1149
139. Duer, Paul
524 Keene Rd.
Phone: CL 32-7164

MADEIRA BEACH

140. Raymond & Assoc., E. C.
P. O. Box 8216
Phone: WA 1-9735

MELBOURNE

141. Vanguard Assoc.
1500 New Haven Ave.
Phone: PA 3-3074

MIAMI

142. Ace Plastic Materials
5541 NW. 37th Ave.
Phone: NO 4-1321
143. Acme Die & Supply
3754 NW. 80th St. (47)
Phone: PL 4-1296
144. Aero Hardware & Supply
Inc.
4301 NW. 36th St. (48)
P. O. Box 482
Phone: TU 8-2414
145. Air Equip. Co.
5768 SW. 58th Terrace
Phone: MO 7-8095
146. Airwork Corp.
Box 194, Int'l. Airport
Branch (48)
Phone: 88-3467
146A. Allis-Chalmers
25 SE 2nd Ave. (32)
Phone: FR 9-5891
147. Aluminum Co. of Amer.
1605 Alfred I. du Pont
Bldg. (32)
148. Alvin Builders Supply Co.
902 SW. 69th Ave.
149. Atlas Screw & Specialty Co.
3661 NW. 48th St.
150. Barfield Instrument Co.
4101 NW. 29th St. (42)
151. Bellows-Valvair
561 NE. 79th St. (38)
Phone: PL 4-4427
152. Benco Supply Co.
4501 NW. 17th Ave. (42)
Phone: NE 5-2591
153. Berner-Peace Co. Inc.
3221 NE. 2nd Ave. (37)
154. Black & Decker
3900 NW. 7th Ave. (42)
Phone: PL 4-5517
155. Brady Wholesale Hardware,
A. N.
775 NW. 71st St.
156. Brammer Co., Geo. R.
5503 NE. 2nd Ave. (37)
Phone: PL 8-7893
157. CSA
2891 NW. 75th St. (47)
Phone: OX 1-8940
158. Cameron & Barkley Co.,
The
P. O. Box 790
727 NW. 1st Ave. (5)
Phone: FR 1-8431
159. Carlson & Assoc., Arthur A.
8821 SW. 21st St. (55)
Phone: CA 1-7592
160. Carrier Corp.
1401 SW. 1st St. (35)
Phone: FR 9-5513
161. Cashman Assoc., E. J.
190 NE. 167th St. (62)
Phone: WI 5-6589
162. Central Machinery & Supply
Co.
3945 NW. 32nd Ave.
P. O. Box 631, Biscayne
Annex
Phone: HE 4-1551
163. Curlln & Sons Inc., R. B.
3721 NW. 2nd Ave.
Phone: PL 7-2931
164. DG Machinery & Gage Co.
724 Dade Commonwealth
Bldg. (32)
Phone: FR 4-7740
165. Davis, J. R.
615 SW. 2nd Ave. (36)
Phone: FR 9-2611
166. Dibble & Assoc., C. M.
1321 Little River Dr.
Phone: PL 4-7303
167. Elliott, Jr., John W.
9361 NW. 32nd Ct. (47)
Phone: JE 8-8369
168. Engelhard Industries Inc.
925 Ingraham Bldg.
Phone: FR 9-8163
169. Fla. Aviation Corp.
4051 NW. 25th St. (42)
Phone: NE 4-2651
170. Fla. Bearings Inc.
3164 N. Miami Ave.
Phone: PL 7-7672
171. Fla. Machinery Corp.
312 SW. N. River Dr. (36)
Phone: FR 9-5647
172. General Controls Co.
3804 W. Flagler St. (44)
Phone: HI 4-2677
173. General Electric Co.
25 SE. 2nd Ave. (32)
174. General Equip. Co.
543 NW. 5th St. (36)
Box 6206, Station B
Phone: FR 4-8468
175. Gondas Corp.
151 NW. 54th St. (37)
P. O. Box 278, Buena
Vista Station
Phone: PL 7-5531
176. Haley Sales
19441 NE. 1st Ct. (61)
Phone: NA 1-0906
177. Holmyard, Hal
P. O. Box 33-3, Coconut
Grove (33)
178. Hubbard Co., S. B.
3904 NW. 32nd Ave. (42)
Phone: NE 3-6560
179. Island Equip. Co.
2405 NW. 2nd Ave. (37)
P. O. Box 37-86
180. Johnson Equip. Co., W. E.
P. O. Box 265
Phone: TU 5-2711
181. Kelley Assoc. Inc.
1521 SW. 11th Terrace
(35)
Phone: FR 4-4273
182. Kennerk Welding Supply
Inc.
235 NW. 20th St. (37)
183. Kiely, Jack
Box 48-1148, Int'l. Airport
Branch
Phone: TU 5-3147
184. Lafayette Tool & Supply Co.
3355 NW. 27th Ave. (42)
Phone: NE 4-7604

MIAMI (cont.)

185. Lee & Assoc. Inc.,
Charles R.
3524 W. Flagler St. (35)
Phone: HI 4-7414
186. Leu Inc., Harry P.
3701 NW. 37th Ave. (42)
Phone: NE 3-8571
187. Lincoln Electric Co., The
3455 NW. 54th St. (42)
Phone: NE 5-0971
188. Manson, Lester
10480 NW. 35th Pl.
Phone: MU 8-3298
189. Marks, Perry
8850 SW. 57th Terrace
Phone: MO 5-3321
190. McCulston, T. W.
540 SW. 69th Ave. (44)
Phone: MO 1-0549
191. McWhorter Inc., John S.
49 NE. 22nd St. (37)
192. Miami Bearings Service Inc.
3701 NW. 32nd Ave.
P. O. Box 296
Phone: NE 5-0977
193. Miami Elevator Co. Inc.
1897 NW. 20th St. (52)
194. Miami Welding Supply Co.
3016 N. Miami Ave.
195. Mitchell, Charles H.
14095 NW. 6th Ave. (68)
196. Moffatt Bearings Co.
1211 NW. 54th St. (47)
Phone: PL 7-3605
197. Morton Machinery Sales
5511 NW. 37th Ave.
198. Mueller Brass Co.
3310 NW. 73rd St. (47)
Phone: NE 5-2409
199. Myers, Frank
9801 NW. 13th Ave. (47)
Phone: PL 9-2850
200. Nasco Inc.
6405 NW. 36th St. (48)
Box 515, Int'l. Airport
Branch
Phone: TU 8-6461
201. Neff Machinery Inc.
2601 NW. 5th Ave. (37)
Phone: FR 9-1614
202. Oakite Products Inc.
1350 NW. 74th St. (47)
P. O. Box 325, NW.
Branch
Phone: PL 7-4511
203. Phillips Hardware
490 NW. S. River Dr. (36)
204. Porter-Cable Machine Co.,
The
4505 NW. 17th Ave.
Phone: NE 3-2616
205. Pritchard Co., A. L.
5503 NE. 2nd Ave.
Phone: PL 8-7893
206. Ralley-Milam Inc.
425 NW. 1st Ct.
Phone: FR 3-5421
207. Reynolds Metals Co.
1 Miami Bldg., Suite 914
DuPont Plaza Center
Phone: FR 9-2792
208. Sinclair Refining Co.
P. O. Box 38-1087
Little River Station
209. SKIL Corp.
4220 NW. 2nd Ave. (37)
Phone: PL 8-4717
210. Sky Products
3500 NW. 54th St.
211. Snap-on Tools Corp.
4311 NW. 36th St. (48)
Phone: TU 7-7136
212. Southern Atlantic Machin-
ery Corp.
5310 NW. 32nd Ave.
Phone: NE 4-6962
213. Southern Engrg. Service,
Inc.
P. O. Box 103, Int'l
Airport
Phone: TU 8-7280
214. Southern Ind. Equip. Co.
7200 NW. 29th Ct. (47)
Phone: OX 1-6300
215. Standard Welding Supply
Inc.
4382 NW. 32nd Ave. (42)
216. Steel City Inc.
2450 NW. 54th St.
Phone: YU 3-9210
217. Stiles Conveyors & Trans-
missions
596 NW. 54th St. (38)
P. O. Box 38-153
Phone: PL 4-4561
218. Tillotson, R. E.
2778 Day Ave.
219. Tull Metal & Supply Co.,
J. M.
6201 NW. 36th Ave.
Phone: NE 5-0365
220. Turner Co., J. Carl
5400 SW. 63rd Ct. (55)
Phone: MO 1-3674
221. Wheeler Machinery Co.
2170 NW. 96th St. (47)
Phone: PL 7-3391
MIAMI BEACH
222. Hewitt-Robins
961 W. 48th St.
Phone: GE 8-5153
MIAMI SHORES
223. Crane Packing Co.
149 NW. 101st St.
Phone: PL 8-9613
MIAMI SPRINGS
224. Aero Hardware & Supply
Co.
4301 NW. 36th St.
P. O. Box 482
Phone: TU 8-2414
225. Reichhold Chemicals Inc.
4471 NW. 36th St.
Phone: TU 7-9475
226. Resistoflex Corp.
5388 NW. 36th St.
Phone: TU 5-3722
227. Wencor Inc.
P. O. Box 391
Phone: NE 5-0700
MULBERRY
228. Cameron & Barkley Co., The
P. O. Box 98
NORTH MIAMI
229. Braeburn Alloy Steel Corp.
12425 NE. 13th Ave.
Phone: PL 9-8151
230. Caribo, C. L.
19011 NW. 10th Ave.
Phone: NA 1-3540
231. Ju-No Supply Co.
P. O. Box 899 (61)
232. Revere Copper and Brass
Inc.
900 NE. 125th St. (61)
Phone: PL 1-1614
233. Wamble Sales Co., Fred U.
370 NE. 147th Terrace (61)
Phone: WI 5-6676
NORTH MIAMI BEACH
234. Cartwright & Bean
20100 NE. 25th Ct.
Phone: WI 5-2962
235. "POP" Rivet Div.
18320 NE. 22nd Ave.
Phone: WI 5-2456
236. Precision Tool Supply
16461 W. Dixie Hwy.
Phone: WI 7-1407
OCALA
237. Lovell Brothers
P. O. Box 516
OPA-LOCKA
238. Abrasives Div.
Elgin National Watch Co.
2531 NW. 182nd Terrace
239. Bridgeport Brass Co.
14060 NW. 19th Ave.
Phone: MU 8-9631
240. Haley, Tom
2531 NW. 182nd Ter-
race
241. Haley Brothers Sales
2531 NW. 182nd Ter-
race
Phone: NA 1-0891
242. Hummel Industrial Sales
P. O. Box 132
Phone: NA 4-2774
ORLANDO
243. A-Gen-Teers
P. O. Box 7305
Phone: GA 3-7182

SALES OFFICES

FLORIDA

ORLANDO (cont.)

244. Air Devices Inc.
716 W. Smith Ave.
Phone: GA 2-9972
245. Allen Industrial Supply Div.
64 W. Robinson Ave.
Phone: CH 1-1562
246. Allis Co., The Louis
922 Dowd Ave.
P. O. Box 7751
Phone: GA 5-6509
247. Attaway Co., Roy
711 Magnolia Ave.,
Room 10
Phone: GA 4-9083
248. Bailey Motor Equip. Co.
78 N. Garland St.
249. Barr, Graham
P. O. Box 7842
250. Bellows-Valvair
341 N. Main St.
Phone: GA 4-6357
251. Bohman, George F.
1239 Newcastle Dr.
Phone: GA 4-2076
252. Bringman Machinery Serv-
vice, Chas. W.
310 E. Orlando Ave.
Phone: OR 2-3747
253. Cameron & Barkley Co.,
1502 N. Orange Bloss-
som Trail
P. O. Box 1871
Phone: GA 4-9557
254. Carlson Machinery Co.,
J. R.
711 Magnolia Ave.
Phone: GA 3-4679
255. Cartwright & Bean
P. O. Box 583
Phone: GA 5-8284
256. Carter, Jr., Conrad
1314 Radclyffe Rd.
Phone: GA 3-6307
257. Control Equip. Co. Inc.
1500 Church St.
Phone: GA 3-2791
258. Curlin & Sons Inc., R. B.
1519 Sligh Blvd.
Phone: GA 2-2723
259. Dietzen Co., Eugene
380 W. Grant Ave.
Phone: CH 1-5671
260. Duncan & Co., Andy
3334 Palmer St.
Phone: GA 3-4937
261. Engelhard Industries Inc.
Metcalf Bldg., Room 402
102 S. Orange Ave.
Phone: GA 2-3662
262. Evans Engrg. Co., F. J.
3541 Edgewater Dr.
Phone: CH 1-3235
263. Fla. Oxygen Service
P. O. Box 3829
264. General Electric Co.
104 E. Gore Ave.
265. Haskell, Carl
3100 Via Dos
266. Holliday-Hathaway Co.
Inc.
1224 E. Colonial Dr.
Phone: GA 4-5744
267. Hummel Industrial Sales
544 Peterson Pl.
P. O. Box 5327
Phone: GA 5-6554
268. Johnson Electric
Main & Jackson
269. Jones Co. Inc., William M.
711 Magnolia Ave.
Phone: GA 4-8298
270. Kearfott Div.
271. Lamp, Alvin H.
1011 Lake Emerald Dr.
Phone: OR 3-4698
272. Leu Co. Inc., Harry P.
100 W. Livingston
P. O. Box 2513
Phone: GA 2-9891
273. McCarthy, E. E.
P. O. Box 1219
Phone: GA 2-6144
274. Mill Supplies Inc.
2423 McRae St.
P. O. Box 3188
Phone: GA 3-4405
275. Miller Bearings of Orlando
919 W. Central Ave.
Phone: GA 5-9079

276. Moore Industrial Tooling
Co.
1110 W. Pine St.
P. O. Box 3381
Phone: CH 1-4541
277. Osterday, Ed C.
711 Magnolia Ave.
Phone: TE 2-8158
278. Sebastian, Larry
Box 2368
279. Specialized Electronics
711 Magnolia Ave.
280. Stephens, John L.
501 Magnolia Ave.
Phone: CH 1-5431
281. Sterling Electric Motors
Inc.
P. O. Box 7035
Phone: GA 2-6885
282. Sterling Tool & Supply Co.
1229 25th St.
Phone: CH 1-3297
283. Wales STRIPPIT Inc.
109 E. Pine St.
Phone: CH 1-3163
284. Ward Engrg. Co. Inc.
1015 W. Central Ave.
P. O. Box 5545
Phone: GA 3-4296
285. Whitmore Industrial Trucks
2320 Diversified Way
P. O. Box 5461

PANAMA CITY

286. Calloway Brothers Supply
P. O. Box 1225
287. Leuck Sales Service
Box 86, St. Andrews
Station
Phone: AD 4-8294
288. Panama Machinery & Sup-
ply Co.
200 E. Beach Dr.
P. O. Box 4768
Phone: FA 4-4694
289. Tool Engrg. Service
P. O. Box 4768
Phone: FA 4-4694
290. Tool Engrg. Service
4768 Wainwright Yard
Phone: PO 3-4610

PANAMA CITY BEACH

291. Designers for Industry Inc.
111 Carolyn Ave.
Phone: AD 4-3303

PENSACOLA

292. Bearings & Transmission
Supply Co.
P. O. Box 2647
293. F & H Supply Co.
3711-12 N. Polofax Hwy.
P. O. Box 644
Phone: 3-3191
294. Industrial-Marine Supply
Co.
815 W. Main St.
Phone: HE 3-3185
295. Industrial Piping Supply
Co.
P. O. Box 1772
Phone: HE 3-7677
296. Palmer & Lawrence
1826 N. Pace Blvd.
Phone: HE 8-8951
297. Pensacola Welding Supply
Co. Inc.
P. O. Box 1245
298. Turner Supply Co.
P. O. Box 446

PINELLAS PARK

299. George, Joseph W.
P. O. Box 429

POMPANO BEACH

300. Cleveland Tramrail Fla. Co.
P. O. Box 2812
Phone: WE 3-4941
301. Gibney, William J.
2417 NE 26th St.
Lighthouse Point
Phone: WH 1-0728
302. Reiff, Emil Fred
220 NE 26th Ct.
Phone: WE 3-5176

PORT ORANGE

303. Zumstein, L. P.
Phone: CL 2-0051

RIVIERA BEACH

304. Hobart Welding Equip. &
Supply Co.
816 Broadway

ST. PETERSBURG

305. Adams, William A.
6666 10th Ave., N. (10)
Phone: DI 3-5683
306. Ball & Roller Bearing Co.
1500 16th St., S.
Phone: OR 1-7108
307. Becker, Frank F.
17715 Gulf Blvd. (8)
Box 129
308. Corbett, Jr. & Assoc.,
Alex
2411 Covina Way, S.
Phone: 5-5505
309. Circo Ultrasonic Corp.
1800 Central Ave.
Phone: 5-7793
310. Dow Corning Corp.
904 Fla. Theatre Bldg.
Phone: 5-3084
311. Froelich, Gustave
1381 Sea Gull Dr., S.
Phone: DI 1-4313
312. General Equip. Inc.
1525 15th, N.
313. Gulf Coast Industrial Sup-
ply Co.
2226 Fairfield Ave.
Phone: 7-6558
314. Haish, T.
Box 3971
Phone: 7-3719
315. Hichens, Joseph
Disston Trailer Ct.
49th St., N., Lot 37 (9)
316. Keck Industrial Supply
Inc.
2801 26th St., N.
Phone: 53-3083
317. Kemp, Robert I.
3000 28th Ave., N.
Phone: 5-4764
318. Koppelman, E. D.
6201 18th Ave., N.
319. Mockl, Rene
145 Ramon Way
320. Pritchard Co., A. L.
782 64th Ave., S. (5)
Phone: OR 1-7722
321. Southeastern States Engrg.
Co.
15329 Gulf Blvd.
P. O. Box 8272, Ma-
deira Beach
Phone: WA 1-5509
322. United Tool Supply Corp.
3037 Lown St., N.
Phone: HE 5-2134

SARASOTA

323. Curtis, Frank W.
3228 Tanglewood Dr.
Phone: RI 7-9829
324. Davis Gage & Engrg. Co.,
A. G.
732 Magellan Dr.
Phone: EL 5-4387
325. Halliday Co. Inc., Alfred
P. O. Box 3677
326. Jotterand Co., Roland P.
P. O. Box 1887
Phone: RI 6-2944
327. Kinkel, Paul M.
324 Beach Rd.
328. Scriven, A. E.
211 Visacher Bldg.
P. O. Box 5441
Phone: RI 6-8260
329. Stonhouse Co., J. H.
4638 Bayshore Rd.
Phone: EL 5-6815

SOUTH MIAMI

330. Fyler Co., Anson
5804 Sunset Dr. (43)
Phone: MO 6-6171
331. I-T-E
4216 Ponce de Leon
Blvd. (43)
P. O. Box 797
Phone: HI 4-8217
332. Morton Machinery Sales
6500 Chapman Field
Phone: MO 7-3392

STUART

333. Begle, H. E.
901 Riverside Dr.

SUN CITY

334. Dryden Machinery Co.
Power House

TALLAHASSEE

335. Holley Inc.
Bldgs. 124-125 Municipal
Airport
P. O. Box 814
Phone: 3-2425
336. Van Brunt & Von Inc.
905 W. Gaines St.
Phone: 2-4049

TAMPA

337. All Marine Supply Corp.
P. O. Box 2136
- 337A. Allis-Chalmers
405 S. Morgan St.
Phone: 2-8371
338. Aluminum Co. of America
820 First National Bank
Bldg. (2)
339. Ball & Roller Bearing Co.
1129 E. Platt St.
Phone: 2-3711
340. Black Diamond Specialty
Co.
1202 Highland Ave. (2)
341. Bode Industrial Filter
Co.
3605 Morrison Ave.
Phone: TA 8-3613
342. Bridgeport Brass Co.
P. O. Box 13947
Interbay Station (11)
Phone: 67-6931
343. CSA
Bldg. 3, U. S. Naval
Reserve
Grant St.
Box 1527
Phone: TA 4-5039
344. Cameron & Barkley Co.,
The
107 S. Franklin (1)
P. O. Box 990
Phone: 2-4651
345. Cold Fla. Sales
112 S. 12th St. (2)
Phone: 2-1521
346. Curlin & Sons Inc., R. B.
1930 Hillsboro Ave. (10)
P. O. Box 11428
Phone: 32-4141
347. Cutler-Hammer Inc.
P. O. Box 2714 (1)
Phone: TA 8-3539
348. Elevator Engrg. Co.
1519 Grand Central Ave.
(6)
P. O. Box 1464
349. Elgin National Watch Co.
3313 W. Sevilla Circle
(9)
Phone: 65-2311
350. Ellis-Erwin Supply Co.
Inc.
120 N. 26th St. (5)
P. O. Box 1465
Phone: 4-5741
351. Epperson & Co.
130-132 S. Franklin
St. (2)
Phone: 3-2688
352. Fullerton Metals Co.
120 S. Meridian
Phone: TA 2-4903
353. General Electric Co.
1206 N. "A" St. (1)
P. O. Box 2409
354. General Welding Supply Co.
Adams & 22nd St.
355. Graybar Electric Co. Inc.
801 N. Rome Ave. (6)
356. Hunt Truck Sales &
Service Inc.
601 S. Moody St.
Phone: 2-4221
357. I-T-E
221 N. Howard Ave. (6)
Phone: 82-6861
358. Industrial Assoc. Inc.
3720 Watrous Ave. (9)
P. O. Box 10536
Phone: 8-0131
359. Industrial Specialties Sales
424 S. MacDill Ave. (1)
P. O. Box 1335
Phone: RE 6-1480
360. Industrial Supply Corp.
1860 Second Ave. (5)
P. O. Box 5116
Phone: 4-3141

361. Kaminis Welding Supplies Inc.
3101 4th Ave.
362. Kelley Assoc. Inc.
312 S. Morgan St. (2)
Phone: 2-6783
363. Keasler and Assoc., J. K.
4515 San Rafael (8)
P. O. Box 10263
Phone: 88-7661
364. Knight & Wall Co.
320 Tampa St. (1)
Box 31
Phone: 2-7731
365. Lancaster, Robert
4124 Sevilla (9)
Phone: 68-5735
366. Lowe Supply Co., Bert
416 Ellamase Ave.
P. O. Box 2820
Phone: 2-4278
367. M-H Industrial Equip. Co.
P. O. Box 11056
368. McCollum, J.
P. O. Box 1061
369. Messereau, George
9905 Florida Ave. (4)
Phone: WE 4-8556
370. Protective Coatings Inc.
807 N. Fremont Ave.
371. Pupello Lift Trucks
1155 E. Cass St.
Phone: 2-6634
372. Raybro Electric Co.
P. O. Box 1351
373. Regan Industrial Supply Co.
Phone: RE 7-2108
374. Reynolds Metals Co.
1303D S. Dale Mabry Dr.
Phone: 8-3145
375. Sinclair Refining Co.
P. O. Box 2763
Hooker's Point (1)
376. South Fla. Engineers Inc.
3917 W. South St. (4)
Phone: 22-7041
377. Southern Atlantic Machinery Corp.
Naval Industrial Reserve Shipyard
378. Southern Consultants
2501 S. MacDill Ave. (9)
Phone: 68-2171
379. Southern Pump & Supply Inc.
Corner Washington & Meridian (1)
P. O. Box 1223
Phone: 2-0251
380. Sun Oil Co.
1021 Ellamase St. (1)
Phone: TA 2-2658
381. Syntrofla Sales Co.
Lafayette Arcade Bldg., Room 222
422 Lafayette St., W. (6)
Phone: 8-5111
382. Tampa Armature Works
401 S. Morgan St.
Phone: 2-1966
383. Tingwall, Sr., L. G.
1317 W. Alicia Ave. (4)
Phone: RE 7-4754
384. Tool & Die Supply Co.
4015 Cypress St. (7)
P. O. Box 2738
Phone: RE 7-1750
385. Tull Metal & Supply Co., J. M.
2736 E. Hanna St. (10)
Phone: 3-6741
386. U. S. Gypsum Co.
P. O. Box 13911, Inter-Station
Phone: 2-2651
387. Unity Abrasives Inc.
1222 Franklin St.
388. Van & Smith Co. Inc.
4025 Henderson Blvd. (9)
Phone: 8-3632
389. Whitmore Industrial Trucks Inc.
3905 E. Broadway (5)
Phone: 4-5021

VERO BEACH

390. Fla. Minerals Inc.
P. O. Box 1597
391. Rice, Charles R.
2234 5th Ct., SE.
Vero Shores
Phone: JO 7-3682

WEST HOLLYWOOD

392. E & E Engrg. of Fla. Inc.
941 N. 76th Ave.

WEST PALM BEACH

393. Consolidated Amer. Machinery of Fla. Inc.
433 25th St.
Phone: TE 3-3115
394. Fla. Bearings Inc.
2800 Broadway
Phone: TE 2-2817
395. Gondas Corp.
400 S. Tamarind Ave.
Phone: TE 3-0371
396. Sewell Hardware Co.
528 Clematis St.
397. United Tool Supply Co. Inc.
1103 Okreechobee Rd.
Phone: TE 2-0558

WINTER HAVEN

398. Cockrell, Dan J.
129 Lake Silver Dr.
Phone: CY 3-7179
399. Copymation of Fla.
540 16th St., NE.
Phone: CY 3-0555
400. Simonds Co., George L.
P. O. Box 883
Phone: CY 3-2171

WINTER PARK

401. Deaderick Co., Inc., R. O.
8 Lypar Bldg. Arcade
Phone: MI 7-3153
402. De Laval Separator Co., The
1461 Palm Ave.
P. O. Box 203
Phone: MI 7-1928
403. Lord Mfg. Co.
135A E. Morse Blvd.
P. O. Box 1502
Phone: MI 7-5501
404. Wolcott Co., W. E.
P. O. Box 1523
Phone: MI 7-1901

GEORGIA

ALBANY

1. Albany Hardware Co.
2. Albany Welding & Machine Works Inc.
1600 N. Jefferson St.
Phone: HE 2-7485
3. Georgia Hardware & Supply Co.
307-09 N. Washington
Phone: HE 2-6266
4. Gilson Co., W. F.
334 Broad Ave.
5. Keenan Welding Supplies Inc.
927 Roosevelt Ave.
Phone: HE 2-0536

AMERICUS

6. Griffin Walker Co., The
P. O. Box 704
Phone: 3579

ATHENS

7. Welding Gas Products Co.
P. O. Box 682

ATLANTA

8. Abernathy-Thomas Engrg.
222 14th St., NW. (13)
Phone: TR 4-4291
9. Aeromart
3230 Peachtree Rd., NE.
Phone: CE 3-5519
10. Air & Hydraulics Engrg. Inc.
3491 Mt. Gilead Rd.
P. O. Box 9456
Phone: DI 3-3433
11. Alreo Supply Co.
P. O. Box 5075
12. Aircraft Products & Engrg. Co.
1212 Spring St., NW (9)
Phone: TR 2-4578

13. Ajax Electric Salt Bath

- Furnaces
1000 Peachtree St., NE. (9)
Phone: CE 3-2361
14. Alemit Co. of Ga.
P. O. Box 2473,
Station D (18)
15. Allen Co., C. M.
2989 N. Fulton Dr., NE. (5)
Phone: CE 3-8043
16. Allied Tooling Products
909 Dargan Pl., SW. (10)
Phone: PL 3-8965
17. Allis-Chalmers
57 Forsythe St., NW (3)
Phone: JA 2-7116
18. Allis Co., The Louis
1365 Spring St., NW (9)
Phone: TR 3-2228
19. Allison Machinery Co.
575 Edgewood Ave., SE. (12)
Phone: JA 4-1741
20. Aluminum Co. of Amer.
1615 Peachtree St. (9)
Phone: TR 5-7441
21. Amer. Brass Co., The
712 W. Peachtree St. (9)
Phone: TR 5-0291
22. Amer. Optical Co.
534 Flaster Ave., NE. (24)
Phone: TR 3-1074
23. Applebee-Church Inc.
1389 Peachtree St., NE. (8)
Phone: TR 5-7244
24. Applied Engrg. Co. Inc.
500 Piedmont Ave.
Phone: TR 5-4102
25. Atlanta Lighting
340 W. Peachtree, NW.
26. Atlanta Machine & Mfg. Co.
1329 Spring St., NW (9)
Phone: TR 2-4367
27. Atlantic Engrg. Co. Inc.
1468 Mecalain St., NW.
Phone: TR 4-9741
28. Atlantic Sheet Metal Corp.
799 Marietta St., NW.
29. Babcock & Wilcox Co., The
805 Peachtree St., NE., Suite 464 (8)
Phone: TR 6-0751
30. Bailey Co. Inc. of Ga., The
1038 Ridge Ave., SW.
Phone: JA 4-1956
31. Bausch & Lomb Optical Co.
78 Marietta St., NW.
Phone: JA 5-0791
32. Bay State Tap & Die Co.
1853 Cheshire Bridge Rd., NE.
Phone: TR 5-0141
33. Beck & Gregg Hardware Co.
217 Lucky St.
34. Bell, Jr., Frank
968 Peachtree St., NE.
Phone: TR 6-3972
35. Bellows-Valvair
267 E. Paces Ferry Rd. (5)
Phone: CE 3-7465
36. Bel-Ray Southern Co.
2030 Fairway Circle, NE. (19)
Phone: ME 6-3011
37. Bernhardt Co.
1882 Brewer Blvd., SW. (10)
Phone: PL 3-6280
38. Bethlehem Steel Co.
Fulton National Bank Bldg.
55 Marietta St.
Box 1656
Phone: JA 2-4918
39. Biever Air & Hydraulic Equip. Co.
254 E. Paces Ferry Rd., NE. (5)
Phone: CE 7-7176
40. Bishop, Fred L.
333 Candler Bldg. (3)
Phone: JA 4-5290
41. Black & Decker
316 Techwood Dr., NW. (13)
Phone: JA 4-0431
42. Blackstock's Inc.
904 DeKalb Ave., NE. (7)

GEORGIA

ATLANTA (cont.)

43. Bolden Die Supply Co.
1171 Lee St., SW.
P. O. Box 10636
Phone: PL 3-4181
44. Boston Gear Works
484 14th St., NW. (13)
Phone: TR 6-7346
45. Boyd, Samuel G.
Walton Bldg., Room 316 (3)
Phone: JA 5-3917
46. Boykin Tool & Supply Co.
67 Courtland St., NE.
47. Brady Co., W. H.
3230 Peachtree Rd., NE.
Phone: CE 3-0136
48. Bridgeport Brass Co.
800 Peachtree St. (8)
Phone: TR 6-5797
49. Brintley, Sr., E. L.
1042 Lanier Blvd. (6)
Phone: TR 6-1234
50. Bristol Co., The
231 Healey Bldg. (3)
Phone: JA 2-7607
51. Britton, Ed. H.
6456 Wright Rd. (19)
52. Bunting Brass & Bronze Co.
257 Spring St., SW (5)
Phone: JA 3-7423
53. Capital Electric
675 Peachtree
54. Card Div., S. W.
1475 Spring St., NW. (9)
Phone: TR 6-1064
55. Carlson Machinery Co., J. R.
3166 Maple Dr., NE. (5)
Phone: CE 7-3276
56. Carpenter Steel Co.
Murphy & Bluff Sts., SW.
Phone: JA 2-6472
57. Carrier Corp.
2015 Peachtree Rd., NW.
Phone: TR 5-2781
58. Cartwright & Bean
3223 Cain's Hill Pl., NW. (5)
Phone: CE 7-2273
59. Century Electric Co.
3133 Maple Dr., NE., Room 204 (5)
Phone: CE 3-5600
60. Chain Belt Co.
1788 Ellsworth Industrial Dr., NW.
Phone: SY 4-1566
61. Chandler Machinery Co. Inc.
120 Houston St., NE (3)
Phone: JA 2-3843
62. Chase Brass & Copper Co.
695 Stewart Ave., SW. (10)
Phone: PL 5-5731
63. Chicago Pneumatic Tool Co.
91 16th St., NW. (9)
Phone: TR 4-8686
64. Childs Machinery Inc.
1015 Grant St., SE. (1)
P. O. Box 700
Phone: MA 2-4451
65. Clark Controller Co., The
3084 Grandview Ave. (5)
Phone: CE 7-6626
66. Cleco Air Tools
1299 Spring St., NW (9)
Phone: TR 4-8729
67. Cleveland Cap Screw Co., The
1014 Sampler Way
Phone: PO 7-1507
68. Cleveland Tramrail Atlanta Co.
2793 Piedmont Rd., N.E. (5)
Phone: CE 7-4357
69. Cleveland Twist Drill Co.,
1853 Cheshire Bridge Rd. (24)
70. Clouser, J. W.
311D Lakemoore Dr., NE. (5)
Phone: JA 4-8848
71. Cobb, G. Lamar
1925 Ponce De Leon Ave.
72. Codman Co., F. L. & J. C.
3230 Peachtree Rd., NE. (5)
Phone: CE 7-8014

SALES OFFICES

GEORGIA

ATLANTA (cont.)

73. Combs Co., Thomas B.
1823 Gordon Rd., SW.
Phone: PL 8-5516
74. Commagere, Felix J.
157 Simpson St., NW.
Phone: JA 5-2761
75. Commercial Shearing & Stamping Co.
1371 Peachtree St., N.E.
Phone: TR 3-3541
76. Conklin Tin Plate & Metal Co.
236 Moore St., SE. (1)
Box 978
77. Consolidated Engrg. Co. of Ga.
3272 Peachtree Rd., NE. (5)
Phone: CE 7-1606
78. Control Equip. Co. Inc.
3166 Maple Dr., NE., Room 130 (5)
Phone: CE 7-1688
79. Cook, Jr., Marcus A.
305 Techwood Dr., NW.
80. Cook & Assoc., W. E.
Box 13197, Station K (24)
Phone: ME 4-5524
81. Cornwell Tool Co.
262 Techwood Dr., NW.
82. Cowan Supply Co.
485 Bishop St., NW. (18)
P. O. Box 2897, Station D
Phone: TR 5-9021
83. Crain, Robert W.
P. O. Box 125 (1)
Phone: PO 6-8684
84. Crane Packing Co.
1875 Oak Rd. (24)
Phone: ME 4-7332
85. Cravens, Douglas C.
2050 Dunwoody St., NE. (17)
Phone: DR 3-8239
86. Crosswell, J. C.
2706 Rollingwood Lane (16)
Phone: TR 5-1611
87. Cummins Machinery Co.
182 Courtland Ave., NE. (3)
Phone: JA 4-6684
88. Cutler-Hammer Inc.
210 16th St., NW. (13)
Phone: TR 4-9746
89. DG Machinery & Gage Co.
2828 N. Expressway. (24)
P. O. Box 13135, Station K
Phone: ME 6-5511
90. Dederick Co., R. O.
P. O. Box 1201, N. Side Station
Phone: CE 7-8572
91. Denison Engrg. Div.
1849 Cheshire Bridge Rd., NE. (9)
Phone: TR 5-9094
92. Detrex Chemical Ind. Inc.
254 E. Paces Ferry Rd., NE. (5)
Phone: CE 7-9546
93. DeVilbiss Co., The
1100 Northside Dr., NW. (18)
Phone: TR 5-0554
94. Diversay Corp., The
317-101 Marietta St. (3)
Phone: JA 5-2351
95. Dixie Bearings Inc.
276 Memorial Dr., SW.
Phone: JA 4-5603
96. Dixie Seal & Stamp Co.
P. O. Box 979
97. DoALL South Atlantic Co.
309 Decatur St., SE. (3)
Phone: JA 1-1267
98. Dollar, Ray W.
254 E. Paces Ferry Rd., NE. (5)
Phone: CE 3-2032
99. Dover Elevator Co.
206 14th St., NW. (13)
100. Dow-Corning Corp.
1948 Monroe Dr., NE.
Phone: TR 6-1005
101. Dumore Co., The
1763 Timberland Rd., NE. (6)
Phone: ME 4-7521
102. Dykema, Herman
6650 Caselton Dr., NW.
Phone: BL 5-5580
103. Earnst, Bert L.
667A Morosgo Dr., NE (5)
104. Electra Motors Inc.
4540 Jolyn Pl. NE. (5)
Phone: BL 5-3021
105. Electro-Tech Equip. Co. of Atlanta, Inc.
690 Murphy Ave., SW. (10)
Phone: PL 3-4128
106. Elgin National Watch Co.
54 11th St., NE. (9)
Phone: TR 5-7065
107. Killson Co., The
632 Healey Bldg.
Phone JA 5-0238
108. Equip. Sales Co. Inc.
649 Ashby St., NW.
Phone: TR 2-6605
109. Eutectic Welding Alloys
446 Northside Dr., NW. (18)
Phone: JA 3-3552
110. Fafnir Bearing Co., The
505 Courtland St., NE. (8)
Phone: TR 5-8135
111. Fairbanks, Morse & Co.
760 Lee St., SW. (10)
Phone: PL 5-7701
112. Flexible Tubing Corp.
3230 Peachtree Rd., NE. (5)
Phone: CE 3-1218
113. Frescolin, J. B.
716 Walton Bldg. (3)
Phone: JA 2-9546
114. Fulghum Co., R. L.
Box 4565 (2)
Phone: JA 2-3466
115. Fuller Brush Co., The
740 Lee St., SW.
Phone: MU 8-3400
116. Fulton Supply Co.
342 Nelson St., SW. (2)
P. O. Box 4028
117. Gardner-Denver Co.
1114 W. Peachtree St., NW. (9)
Phone: TR 4-3862
118. General Controls Co.
1479 Spring St., NW.
Phone: TR 6-4419
119. General Electric Co.
1860 Peachtree Rd., NW. (2)
120. Gisholt
83 Lakeland Dr., NW. (5)
Phone: CE 3-6804
121. Goodrich Industrial Products Co., B. F.
Box 4509
Phone: DR 8-4561
122. Graves Assoc., Cothran C.
1447 Peachtree St., NE. (9)
Phone: TR 5-9500
123. Graybar Electric Co. Inc.
333 North Ave., NW. (2)
124. Gulf Oil Corp.
131 Ponce de Leon Ave., NE. (1)
Phone: TR 6-2431
125. Gunsolus Engrg. Co.
4825 Jett Rd., NW. (5)
Phone: BL 5-3812
126. Halliday Co. Inc., The
Alfred
174 14th St., NW. (13)
Phone: TR 4-7872
127. Hardcastle, W. F.
609 Walton Bldg. (3)
Phone: JA 4-6250
128. Hardinge Brothers Inc.
1177 W. Peachtree St., NW. (9)
Phone: TR 5-9191
129. Hart Engrg. & Sales Co.
651 10th St., NW. (18)
Box 283, Station D
Phone: TR 4-5667
130. Heard, J. M.
317 Walton Bldg. (3)
Phone: JA 4-7202
131. Hemmer, C. J.
1000 Peachtree St.
Phone: TR 4-8601

ATLANTA (cont.)

132. Holmes & Assoc., E. G.
4969 Roswell Rd., NE. (5)
Phone: BL 5-6660
133. Hoshall Co., The
1414 Morningside Dr., NW. (6)
134. Howard Sales Co.
882 Marietta St.
Phone: TR 5-2561
135. Huck Mfg. Co.
3272 Peachtree Rd., NE. (5)
Phone: CE 3-9408
136. Hunt, W. W.
4750 Westfield Dr., NE.
Phone: BL 5-0218
137. IMC Equip. Co. Inc.
3133 Maple Dr. (5)
Phone: CE 7-1529
138. I-T-E
3131 Maple Dr., NE., Rooms 203-205 (5)
Phone: CE 7-6361
139. Ideal Industries Inc.
540 Luckie St., NW. (13)
Phone: TR 4-4188
140. Instrument & Tool Engrg.
526 Lakeshore Dr., NE.
Phone: DR 8-6653
141. International Res. & Develop. Corp.
Room 501, Marietta St. Bldg. (3)
Phone: JA 3-5995
142. Interstate Machinery Co. Inc.
955 W. Marietta, NW. (18)
Phone: TR 6-1298
143. J & L
901 Fulton Federal Bldg.
11 Pryor St. (3)
144. Jarrett & Assoc., H. H.
1347 Spring St., NW. (9)
Phone: TR 6-1546
145. Jervis-Webb Co.
P. O. Box 2866, Station D (18)
Phone: TR 5-8606
146. Johns-Manville Sales Corp.
101 Marietta St. (3)
147. Johnson Bronze Co.
271 Techwood Dr., NW. (3)
Phone: JA 4-5808
148. Johnson & Son Inc., S. C.
979 Donnelly Ave., SW.
Phone: PL 3-9731
149. Jones Co. Inc., William M.
1437 Kenilworth Dr., SW.
150. Keen-Edge Co., The
395 Edgewood Ave., SE.
151. Kerr & Co., R. S.
957 W. Marietta St., NW.
Phone: TR 6-6766
152. King Inc., J. O.
1341 Spring St., NW. (9)
Phone: TR 5-7974
153. Kline, John E.
1064 W. Peachtree St., NW. (9)
154. Knapp Sales Inc.
3252 Peachtree Rd., NE. (5)
Phone: CE 3-3204
155. LeROI Div.
1621 Candier Bldg. (3)
Phone: JA 4-3888
156. Leeds & Northrup Co.
3084 Grandview, NE. (5)
Phone: CE 7-8624
157. Lewyn Co., Bert
1640 Moores Mill Rd., NW. (5)
Phone: CE 3-1920
158. Lincoln Electric Co., The
474 Luckie St., NW. (13)
Phone: JA 5-8494
159. Lindberg Engrg. Co.
4595 Club Terrace (19)
Phone: CE 3-8014
160. Linde Co.
22 7th St., NE. (8)
161. Logan Co.
2135 Liddell Dr., NE. (9)
Phone: TR 5-7548
162. Lord Mfg. Co.
1331 Maple Dr.
Phone: CE 7-9247
163. Low, Jr., W. A.
1211 Sheridan Rd., NE. (5)
Phone: ME 6-5073
164. Lynch & Ford Assoc.
1015 Chattahoochee Ave. (18)
Phone: TR 5-9011
165. Lyons & Assoc., John B.
1038 W. Peachtree St. NW. (9)
Suite 101-3
Phone: TR 4-6261
166. Machinery Assoc.
500 Piedmont Ave., NE. (8)
167. Mallory Battery Co.
1428 N. Amanda Circle, NE.
168. Manning, Maxwell & Moore Inc.
1036 Peachtree St., NE.
Phone: TR 4-8631
169. Marks Oxygen Co.
762 Stewart Ave., SW. (10)
170. Marlin-Rockwell Corp.
1205 Techwood Dr., NW. (13)
Phone: TR 6-1524
171. Marquette Mfg. Co.
1468 Southland Circle, NW. (13)
Phone: SY 9-5311
172. Martin Co., Roy A.
809 Wellesley Dr., NW. (5)
Phone: TR 3-8858
173. Master Power Corp.
316 Techwood Dr., NW. (13)
Phone: JA 3-7939
174. Metallurgical Products
3230 Peachtree Rd., NE. (5)
Phone: CE 7-8086
175. Micro Switch Div.
1415 Howell Mill Rd., NW.
Phone: TR 5-7961
176. Mid-South Equip. Co.
3131 Maple Dr., NE. (5)
Phone: CE 7-8560
177. Miller Electric Mfg. Co. Inc.
1615 Fama Dr., NE. (6)
Phone: ME 6-4466
178. Miller Fluid Power Div.
254 E. Paces Ferry Rd., NE.
Phone: CE 7-9933
179. Milne & Co. Inc., A.
753 Chestnut St. (18)
Phone: TR 2-2665
180. Minn. Mining & Mfg. Co.
732 Ashby St., NW. (18)
Phone: TR 6-4401
181. Moffatt Bearings Co.
432 Luckie St., NW. (3)
Phone: JA 9-2831
182. Moore Products Co.
3133 Maple Dr., NE. (5)
Phone: CE 3-4761
183. Morse Chain Co.
3625 Habersham Rd., NW. (5)
Phone: CE 7-9839
184. Mueller Brass Co.
Mueller Brass Bldg.
187 Milton Ave., SE. (15)
Phone: JA 4-4581
185. Murphy & Cota
2110 Peachtree St., NW. (9)
Phone: TR 8-3020
186. Nelson Stud Welding Div.
72 11th St., NE. (10)
Phone: TR 4-8334
187. Nichols Co., James G.
84 Peachtree St.
Phone: LA 6672
188. Noland Co. Inc.,
512-516 Spring St., NW. (3)
Phone: JA 2-8034
189. North Amer. Viking Drill Co.
780 Ponce de Leon Pl., NE. (6)
Phone: TR 5-8676
190. Oakite Products Inc.
417 Palmer Bldg. (3)
Phone: MU 8-1995

ATLANTA (cont.)

191. Ostrum, Robert
3781 Narmore Dr., NE.
192. Parker Pump & Equip. Co.
55 Fayetteville Rd., NE. (17)
Phone: DR 3-7579
193. Pederson Co., Carl B.
34 11th St., NE. (9)
Phone: TR 5-3938
194. Perkins, Henry E.
275 Danbury Lane
Phone: BL 5-6926
195. Pharr, E. Frank
687 Boulevard, NE. (8)
Phone: TR 2-8675
196. Pneumatic Controls Div.
649 Ashby St., NW. (18)
Phone: TR 2-6605
197. Porter-Cable Machine Co., The
83 Mills St., NW.
Phone: JA 3-7431
198. Postell, J. A.
936 W. Peachtree St., NW. (9)
Phone: TR 4-9671
199. Powell, C. L.
1248 Zonolite Rd., NE. (8)
200. Precision Die Supplies Co.
1193 Memorial Dr., SE.
P. O. Box 3595
Phone: DR 8-8452
201. Price, B. L.
985 Hemphill Ave., NW. (13)
Phone: TR 2-4994
202. Price-Fluery, Armstrong Inc.
1475 Spring St., NW. (9)
Phone: TR 6-1044
203. Price-Horton Co.
Walton Bldg.
P. O. Box 125
Phone: JA 4-3095
204. Proto Tool Co.
3182 Peachtree Rd., NE. (5)
Phone: CE 3-5458
205. Pye-Barker Supply Co.
231 Pryor St., SW.
Phone: JA 3-8571
206. R-P&C Valve Div.
1055 W. Marietta St., NW.
207. Redmond Co., W. J.
280 Williams St., NW.
Phone: JA 2-5823
207A. Reliance Electric & Engrg. Co.
544 Plaster Ave., NE.
Phone: TR 5-0087
208. Resistoflex Corp.
3230 Peachtree Rd., NE. (5)
Phone: CE 7-0458
209. Reverse Copper & Brass Inc.
1310 Ellsworth Industrial Dr., NW. (18)
Phone: SY 4-7628
210. Reynolds, John L.
1763 Timberland Rd. (6)
Phone: ME 4-7621
211. Reynolds Metals Co.
1261 Spring St., NW. (3)
Phone: TR 5-2731
212. Rhoads & Sons, J. E.
88 Forsyth St., SW. (2)
Phone: JA 2-5915
213. Risel, George
2271 Briarcliffe Rd., NE.
214. Rittelmeyer & Co. Inc.
150 Nassau St., NW. (1)
P. O. Box 1304
Phone: JA 4-1531
215. Robertson Inc., J. D.
3133 Maple Dr., NE., Room 206 (5)
Phone: TR 7-1506
216. Rockwell Mfg. Co.
1495 Northside Dr., NW. (1)
Box 1181
Phone: TR 6-2691
217. Sallee & Assoc. C. M.
1193 Memorial Dr., SE. (16)
P. O. Box 3595
Phone: JA 3-1105
218. Scarbrough, Gene F.
267 E. Paces Ferry Rd., NE. (5)
Phone: CE 7-2136

219. Sciaky Bros. Inc.

- 231 Healy Bldg. (3)
Phone: JA 2-7807
220. Scott Co., Earl F.
3131 Maple Dr., Room 109 (5)
Phone: CE 3-7345
221. Scott Machine Tool Co.
411 Williams St., NW. (8)
Phone: JA 5-8311
222. Shepherd Equip. Co.
900 Walton Bldg.
87 Walton St., NW. (3)
223. Shop Supply Co.
809 Wellesley Dr., NW. (5)
Phone: TR 2-8956
224. Sinclair Refining Co.
55 Marietta St., NW.
Phone: JA 5-6871
225. SKF Industries Inc.
1052 W. Peachtree St., NW. (9)
Phone: TR 5-8846
226. SKIL Corp.
1890 Marietta Blvd., NW. (18)
Phone: SY 9-1421
227. Smith Co., George W.
394 Williams St., NW.
Phone: JA 3-7140
228. Snap-on Tools Corp.
2075 Liddell Dr., NE. (24)
Phone: TR 5-9682
229. Southeastern Engrg & Mfg.
962 Howell Mill Rd., NW.
230. Southeastern Handling Equip.
920 Luckie St., NW.
Phone: JA 5-6531
231. Southeastern Machine Tool Corp.
962 Howell Mill Rd., NW.
Phone: EL 2944
232. Southern Belting & Transmission Co.
236 Forsyth St., SW.
P. O. Box 4296
Phone: JA 2-7221
233. Southern Tool Distributing Co.
54 11th St., NE. (9)
Phone: TR 5-7085
234. Spaulding Fibre Co. Inc.
1387 S. Oxford Rd., NE. (7)
Phone: DR 3-4467
235. Specialized Equip. Corp.
254 E. Paces Ferry Rd.
236. Spickard, Graham
Box 432
237. Standard Oil Co.
Phone: JA 3-5011
238. Sterling Electric Motors Inc.
3030 Peachtree Rd. (5)
Phone: CE 7-4945
239. Strickland Co., Walter
152 Ellis St., NE.
Phone: JA 5-1611
240. Sun Oil Co.
22 Marietta St. (3)
Phone: MU 8-3583
241. Syntrol Atlanta Sales Co.
3130 Maple Dr., NE. (5)
Phone: CE 7-1994
242. Tennant, Edward L.
2000 McJenkin Dr. (6)
Phone: ME 4-3413
243. Texaco Inc.
864 W. Peachtree St., NW.
Phone: TR 4-9731
244. Thor Power Tool Co.
1363 Spring St., NW. (5)
Phone: TR 6-6756
245. Thornwell Inc., E. A.
1537 Howell Mill Rd., NW.
Phone: TR 5-7895
246. Tracerlab Inc.
1640 Woodbine Ave. (17)
Phone: DR 3-4813
247. Tru-Kut Inc.
1119 Spring St., NW.
Phone: TR 6-7876
248. Tull Metal & Supply Co., J. M.
285 Marietta St., NW. (3)
P. O. Box 4628
Phone: JA 5-3871

ATLANTA (cont.)

249. Udyllite Corp., The
1841 Cheshire Bridge Rd., NE.
Phone: TR 5-1646
250. Underwood Co. Inc., J. L.
555 Whitehall St., SW. (3)
Phone: MU 8-7878
251. Union Carbide Plastics Co.
57 Forsyth St. (3)
Phone: JA 3-2569
252. U. S. Gypsum Co.
1330 W. Peachtree St.
Phone: TR 5-7954
253. Valvoline Oil Co.
3121 Maple Dr., NE., Suite 3 (5)
254. Vance Iron & Steel Co.
P. O. Box 1057 (1)
255. Vanguard Assoc.
540 Londonberry Rd., NW. (5)
Phone: BL 5-6318
256. Vickers Inc.
1036 Peachtree St., NE. (9)
Phone: TR 4-0157
257. Viking Pump Co.
1223 Techwood Dr., NW. (13)
Phone: TR 5-7131
258. Walke Co., The Henry
P. O. Box 9153, Station B (14)
Phone: DR 3-7515
259. Wall, John R.
3015 Vermont Rd.
Phone: CE 7-9696
260. Walraven, J. R.
1241 Fairview, NE.
P. O. Box 8098, Station F
Phone: CR 2657
261. Warner & Swasey Co., The
121 11th St., NE. (9)
P. O. Box 7453, Station C
Phone: TR 2-8824
262. Warwick, R. L.
3158 Maple Dr., NE. (5)
Phone: CE 3-4218
263. Waters & Assoc., W. Seasel
3030 Peachtree Rd., NW. (5)
Phone: CE 7-4945
264. Watkins & Assoc., E. M.
3127 Maple Dr., NE.
Phone: CE 7-5664
265. Welding Supply & Service Co.
254 Techwood Dr., NW. (13)
Phone: JA 3-7646
266. Wheeler & Assoc., Don
929 Burnt Hickory Dr., SW. (11)
Phone: PL 3-2979
267. White, Frank M.
1674 Richland Rd., SW.
Phone: PL 3-7916
268. Wiley Equip. Co.
1199 Howell Mill Rd., NW. (16)
Phone: TR 5-5648
269. Will Corp. of Ga.
P. O. Box 966 (1)
270. Wilson Co., Roy E.
1062 Northside Dr., NW. (18)
Phone: TR 6-8833
271. Woodman, B. S.
P. O. Box 12242 (5)
Phone: CE 3-9761
272. Wood's Sons Co., T. B.
485 Stephens St., SW.
Phone: JA 4-5086
273. Wrenn Brothers Inc.
1145 Zonolite Rd., NE.
Phone: TR 6-8288
274. Wright, C. A.
4685 Lake Forest Dr., NW.
P. O. Box 12081
Phone: BL 5-6368
275. Wright Hoist Div.
1055 W. Marietta St., NW. (18)
Phone: SY 4-6226
276. Yates, Bernie
262 Techwood Dr., NW.
Phone: JA 5-3641
277. Ziegler Tools Inc.
430 Luckie St., NW.
Phone: MU 9-0945

GEORGIA

AUGUSTA

278. Augusta Mill Supply Co.
636 11th St.
Phone: 2-4657
279. Marks Oxygen Co. Inc.
New Savannah Rd.
280. Pangborn Corp.
P. O. Box 843
Phone: RE 6-7258
281. Richmond Supply Co.
652 7th Ave.
Phone: 4-7792
282. Slusky Builders Supplies
1009 Broad St.
Phone: AU 2-4477
283. Toole Supply Co.
P. O. Box 1127

AVONDALE ESTATES

284. Hartley Co., Fred J.
3953 Wiltshire Dr.

CARROLLTON

285. Houghton & Co., E. F.
421 Garrett St.
Phone: TE 2-3507

CHAMBLEE

286. Allied Tool & Equip. Co.
P. O. Box 253
Phone: GL 7-4235
287. Behr-Manning Co.
5200 Peachtree Rd.
Phone: GL 7-3105
288. CSA
3400 Malone Dr.
Phone: GL 7-6341
289. Diehl Mfg. Co.
5373 Peachtree Industrial Blvd.
Phone: GL 7-7244
290. Eastman Kodak Co.
5315 Peachtree Industrial Blvd.
291. Norton Co.
5200 Peachtree Rd.
Phone: GL 7-7984

COLLEGE PARK

292. Herring, W. Larry
109 Heather Lane
Phone: PO 6-3153

COLUMBUS

293. Columbus Iron Works
901 Front Ave.
294. Columbus Plumbing, Heating & Mill Supply Co.
1226 10th Ave.
295. Columbus Welding Supplies Inc.
1236 Midway Dr.
296. Hajoca Corp.
1301 6th Ave.
297. Williams Welding Supplies Inc.
1404 Talbotton Rd.

CONYERS

298. Childs & Co.

DALTON

299. Feighery, J. M.
309 E. Morris St.

DECATUR

300. Attaway Co., Roy
528 N. McDonough St.
Phone: DR 7-8943
301. Benson, Ivan
P. O. Box 29
Phone: DR 8-7435
302. Kroog Co., A. J.
235 Ponce de Leon Ave.
303. Lawrence Co., Charles F.
215 Church St.
Phone: DR 3-5513
304. Lippincott, Roy
P. O. Box 404
Phone: DR 3-5897
305. Meyer, Clarence E.
2363 Shamrock Dr.
Phone: BU 4-0428
306. Sansom, H. C.
811 N. Parkwood Rd.
Phone: DR 8-7268
307. Semill, Felix J.
1457 Thomas Rd.
Phone: BU 9-4288

SALES OFFICES

GEORGIA

DECATUR (cont.)

- 308. Standard Conveyor Co.
534 N. McDonough St.
Phone: DR 8-8700
- 309. Turk, Robert C.
3387 Woods Dr.
215 Church St.
P. O. Box 528
Phone: DR 3-9766
- 311. Wilton Tool Mfg. Co. Inc.
3049 McAfee Rd.
Phone: DR 7-1344

DORAVILLE

- 312. Kelly, George C.
4962 Tilly Mill Rd.
Phone: CH 7-5033

EAST POINT

- 313. Acme Steel Co.
1200 Oakleigh Dr.
Phone: PO 7-9793
- 314. Burks & Co., Charles L.
P. O. Box 54
Phone: PO 6-3671
- 315. Lyons & Assoc., John B.
2771 De Lowe Dr.
Phone: PO 1-8788

FOREST PARK

- 316. Green & Sons, E. D.
220 Hwy. 54
Phone: PO 1-1148

GAINESVILLE

- 317. Georgia-Tennessee Supply Co.
421 S. Green St.
318. Paris Dunlap Hardware Co.
Box 685
- 319. Welding Gas Products Co.
Ridge Rd.

HAPEVILLE

- 320. Air Assoc. Div.
3430 Lang Ave.
Phone: PO 6-5363

LA GRANGE

- 321. Ferguson & Assoc., John
P. O. Box 486
Phone: TU 2-2174
- 322. Industrial Suppliers Inc.
114 E. Harolson St.
Phone: 5636

MACON

- 323. Bibb Supply Co.
83 5th St.
- 324. Corbin Supply Co.
415 Lower Poplar St.
P. O. Box 35
Phone: 2-3601
- 325. Farmer Co., C. W.
515-21 5th St.
P. O. Box 1037
Phone: MA 2-7521
- 326. General Electric Co.
682 Cherry St.
P. O. Box 1506
- 327. Hatcher Co. Inc., A. S.
594 3rd St.
Phone: 3-1565
- 328. Jackson, G. L.
535 Wesleyan Dr.
Phone: 3-4963
- 329. Macon Machine Shop Inc.
313 Walnut St.
- 330. Macon Supply Co.
355 Riverside Dr.
Phone: SH 3-1505
- 331. Noland Co. Inc.
560 Broadway
Phone: 3-1531
- 332. Sinclair Refining Co.
P. O. Box 2285
Pio Nona Station
- 333. Taylor Iron Works & Supply Co.
928 Broadway
Box 218
Phone: SH 2-4511
- 334. Welding Supply & Service Co.
3097 Broadway St.

MADISON

- 335. Richter Supply Co.
Box 570
Phone: 354W

MARIETTA

- 336. Carrington & Son, W. A.
209 Northcutt St.
Phone: MA 9-5357
- 337. De Laval Separator Co., The
206 Roswell St. Bldg.
Phone: MA 7-1580
- 338. Swaim, Tom
210 Cole St.
Phone: 8-1497
- 339. Watson & Co., James E.
121 N. Woodland Dr.
P. O. Box 68
Phone: 9-6423

ROME

- 340. Battey Machinery Co.
100-120 N. 2nd Ave.
- 341. Fairbanks Co., The
202 Division St.
Phone: RO 9786

ROSSVILLE

- 342. Silver Machine Co.
P. O. Box 109

ST. SIMONS ISLAND

- 343. Crumbliss, Roy C.
P. O. Box 304
Phone: ME 8-2416

SANDY SPRINGS

- 344. Dane & Co.
P. O. Box 78
Phone: GA 7-3488
- 345. Dwiggins, Dan
P. O. Box 352
Phone: 6429

SAVANNAH

- 346. Air Products Co.
815 E. 66th St.
P. O. Box 3508, Station B
- 347. Bearings & Drives Inc.
1214 Bay St. Ext.
Phone: AD 6-1591
- 348. Cameron & Barkley Co., The
12 Water St.
P. O. Box 1067
Phone: 3-6636
- 349. Electrical Machinery Co.
246 E. Lathrop Ave.
Phone: 3-6806
- 350. Ferguson Gear Co.
2014 Florida Ave.
Phone: AD 6-9479
- 351. General Electric Co.
40 E. Bay St.
- 352. Georgia Supply Co.
23-32 W. Bay St.
P. O. Box 918
Phone: AD 2-7131
- 353. Marks Oxygen Co. Inc.
311 Stiles Ave.
- 354. Morgans Inc.
111 W. Broad St.
Phone: AD 2-5126
- 355. Morris Electric Supply Corp.
210 W. Ogleshorpe Ave.
P. O. Box 492
Phone: AD 4-2296
- 356. Purvis, A. N.
144 Montgomery St. (1)
- 357. Southern Marine Supply Co.
202 W. Bay St.
Phone: AD 4-6648
- 358. White Hardware Co.
Congress & Whitaker Sts.
Phone: AD 3-5777

SMYRNA

- 359. Brooks Co., Wm. S.
3551 S. Atlanta Rd.
Phone: HE 5-0463

TATE

- 360. Stone & Industrial Supply Co.

THOMASVILLE

- 361. Wapakoneta Machine Co.
The
1601 Pine Tree Blvd.
Phone: CA 6-4517

TUCKER

- 362. Bailey Co., Marcus
P. O. Box 85

VALDOSTA

- 363. South Ga. Oxygen Service
708 Patterson St.
- 364. Whitehead Hardware Co.
P. O. Box 746

WASHINGTON

- 365. Saunders, C. L.
P. O. Box 565
Phone: OS 5-2520

WEST POINT

- 366. Ga. & Ala. Supply Co.
Phone: 3-3211

HAWAII

HILO

- 1. Hilo Iron Works

HONOLULU

- 2. Amer. Factors, Ltd.
Fort & Queen Sts. (1)
P. O. Box 3230
Phone: 5-1511
- 3. Anderson, Walter A.
2033 Pahukui St. (17)
- 4. Bitco Pacific Corp.
1051 Waimau
P. O. Box 1895
Phone: 5-4986
- 5. Chapson Brothers Ltd.
883 Halekauwila St. (13)
Phone: 37-306
- 6. Davies & Co. Ltd., Theo. H.
P. O. Box 3020
- 7. deRocher Co. Ltd., Arthur H.
531 Waiakamilo Rd. (9)
- 8. Ebert, R. E.
4628 Moho St. (16)
Phone: 71-5303
- 9. Eutectic Welding Alloys
540 Cooke St. (13)
Phone: 37596
- 10. Frazier, Jr., Charles R.
1001 Waimanu St. (14)
Phone: 63486
- 11. Gaspro Ltd.
458 Kuwili St.
P. O. Box 2454
- 12. Glowenle Co. Ltd., J. P.
523 Cummins St. (3)
Phone: 5-6152
- 13. Grace Brothers Ltd.
- 14. Gray Co. Ltd., H. S.
759 Puuloa Rd. (17)
P. O. Box 3016
Phone: 8-2244
- 15. Haneberg & Co.
P. O. Box 2903 (2)
Phone: 6-5402
- 16. Hawaiian Equip. Co.
2880 Kilihau St. (2)
P. O. Box 2990
Phone: 8-2921
- 17. Home Welding Co. Ltd.
835 Keeaumoku
- 18. Honolulu Iron Works Co.
P. O. Box 3140 (2)
Phone: 5-0961
- 19. Howard Co., The
125 Mokauea St.
- 20. Lewers & Cooke Ltd.
P. O. Box 2930 (2)
- 21. Maguire Bearing Co.
527 Ahui St. (13)
- 22. Manke-Hawaii Inc., H. H.
1162A Waimanu St. (14)
P. O. Box 1379
Phone: 501-166
- 23. Napa Hawaiian Warehouse
747 Ilianiwai St.
P. O. Box 2420
- 24. Owen, Chester R.
P. O. Box 1320
Phone: 501-073
- 25. Standard Oil Co. of Calif.
Western Operations Inc.
P. O. Box 3260 (1)
Phone: 50-2911
- 26. Stickler, James H.
835 Keeaumoku St. (14)
- 27. Thom Equip. Co.
463 N. Nimitz Hwy.
Phone: 59136
- 28. Toys for Men Ltd.
1330 S. Beretania St.
- 29. U. S. Industries Inc.
330 Sand Island Access Rd.
Phone: 813-377

- 30. Von Hamm-Young Co. Ltd.
720 Kapiolani Blvd. at
Cooke St. (3)
P. O. Box 2630
Phone: 63-641
- 31. Welding & Industrial Products Ltd.
1370 Makaloea St. (11)
P. O. Box 3521
Phone: 95208

KAILUA

- 32. Dougherty Enterprises
149 Kaimi St.
P. O. Box 188
Phone: 265275

IDAHO

BOISE

- 1. Arnold Machinery Co. Inc.
5024 Gage St.
- 2. General Electric Co.
1524 Idaho St.
- 3. Idaho Industrial Supply Co.
114 S. 23rd St.
- 4. Industrial Air Products Co.
4606 State St.
- 5. Intermountain Equip. Co.
Broadway at Myrtle St.
P. O. Box 1129
- 6. Lang Co. Inc., The
- 7. Mechanical Equip. & Engrg. Co. Inc.
919 N. Orchard
P. O. Box 1277
Phone: 2-4393
- 8. Norco
1522 River St.
- 9. Pacific Metal Co.
325 Grove St.
Phone: 3-6468
- 10. Power Tool & Machinery Co.
809 College Ave.
Phone: 2-2280
- 11. Priest & Sons Inc., M. R.
515 E. Highland St.
Phone: 4-2553
- 12. Salt Lake Hardware Co.
702 S. 8th St.
P. O. Box 1489
Phone: 4-2553
- 13. Silver Co., C. W.
1118 N. 20th St.
Phone: 2-6947
- 14. Spencer Supply Co.
1204 Front St.
P. O. Box 831
Phone: 2-0161
- 15. Western Bearings Inc.
530 Front St.
P. O. Box 1899
Phone: 2-6583
- 16. Yanke Machine Shop & Sprocket Co. Inc.
1114 Front St.
Phone: 4-2505

IDAHO FALLS

- 17. Arnold Machinery Co. Inc.
1285 W. Broadway
- 18. Bearings Service & Supply Co.
Airport Rd.
Phone: 3150
- 19. Ideal Hardware Co.
760 W. Broadway
P. O. Box 692
Phone: JA 2-7082
- 20. Meyer, Eugene
136 Park Ave.
P. O. Box 2104
Phone: JA 2-2151

LEWISTON

- 21. Erb Hardware Co.
5th & "D" Sts.
- 22. Jameson Machine Supply Inc.
12th & Idaho Sts.
Phone: 3-4517

NAMPA VALLEY

- 23. Gibbs Industrial Hardware Inc.
12th Ave. & 6th St., N.
P. O. Box 110
Phone: 6-0271

PARMA

24. Transmission Products Div.
Parma Water Lifter Co.
Phone: 2-2621

POCATELLO

25. Intermountain Equip. Co.
26. MacKenzie Auto Equip. Inc.
401 N. Main
27. Pocatello Plumbing & Industrial Supply Inc.
1921 N. Harrison St.
P. O. Box 284
Phone: 690W
28. Roberts, Paul
850-950 S. Main St.
P. O. Box 1151
Phone: CE 2-3672
29. Western Bearings Inc.
156 S. 3rd St.
Phone: CE 3-0782

TWIN FALLS

30. Foss Mfg. Co.
225 2nd Ave., S.
31. Western Bearings Inc.
223 4th Ave., W.
Box 566
Phone: RE 3-8562

WALLACE

32. Coeur d'Alene Hardware & Foundry Co.
612 Bank St.
Box 969
Phone: SK 2-1151

ILLINOIS**ADDISON**

1. Markem Machine Agency Inc.
59 Industrial Rd.
P. O. Box 112

ALTON

2. Central Sales
1001 E. Broadway
3. Kenner, C. R.
P. O. Box 268
Phone: AL 5-2511
4. R-J Bearings Corp.
2424 E. Broadway

ANTIOCH

5. Victory Carbide Saw & Tool
1027-41 Anita Ave.
Phone: AN 1900

ARGO

6. Minn. Mining & Mfg. Co.
6850 S. Harlem Ave.
Phone: LU 5-7800
7. Reichhold Chemicals Inc.
P. O. Box 446
Phone: GL 8-2400

ARLINGTON HEIGHTS

8. Goldthwaite, A. E.
500 E. Park St.
9. Natzke, Jr., George A.
1107 Beverly Lane
Box 291
10. Ristow, Raymond
813 S. Chestnut Ave.

AURORA

11. Broneff Machinery Sales
13 S. Lincoln
Phone: TW 7-3316
12. Cromer Industrial Equip. Inc.
219 Holbrook
Phone: TW 2-4355
13. Dietz Industrial Supply Co.
127 Gale St.
Phone: AU 2-7654
14. Fox River Tool & Supply
435 Maine St.
15. Industrial Supply Co. Inc.
127 Gale St.
Phone: TW 2-7654
16. Lyon Metal Products Inc.
96 Montgomery St.
TW 7-8421
17. Schwartz, Ray W.
467 Wilder St.
Phone: AU 6-7426

18. Syntron Chicago Sales Co.
1297 N. Lake Rd.
P. O. Box 1049
Phone: TW 2-4414
19. Valley Electric
2000 Liberty
20. Valley Supply & Tool Co. Inc.
30 N. La Salle St.
Phone: TW 7-9200

BARRINGTON

21. Hydromotion Engrg. Co.
P. O. Box 297
Phone: BA 2115M

BARTLETT

22. Set Screw & Mfg. Co.
26 Main St.
Phone: TE 7-2831

BELLEVIEW

23. Dresel-Betz Co.
E. Main & Florida Ave.
Phone: AD 3-5637
24. Whitney, E. L.
6905 W. "A" St.
Phone: EX 7-2094

BELLWOOD

25. Brown & Sharpe Mfg. Co.
635 S. 25th Ave.
Phone: LI 4-7550
26. Chicago Screw Co., The
2701 Washington Blvd.
Phone: ES 8-7400
27. Manning, Maxwell & Moore Inc.
2600 W. Van Buren
Phone: ES 8-8705

BELVIDERE

28. Sundstrand Machine Tool Co.
Phone: LI 4-3161

BENSENVILLE

29. Anric Tool Supply Co.
P. O. Box 292
Phone: PO 6-4761
30. Miller Fluid Power Div.
77015 York Rd.
Phone: PO 6-3400
31. Tru-Center Products Co.
17 W. 71 Oak Lane
Phone: TE 2-9359
32. Vickers Inc.
350 N. York Rd.
Phone: PO 6-2900

BENTON

33. Chase Welding Supply Co.
112 N. McLeansboro St.
P. O. Box 41
Phone: 365

BERWYN

34. Cincinnati Milling & Grinding Machines Inc.
1327 S. Harlem Ave.
Phone: PI 9-1850
34A. Foster, William H.
2125 S. Grove Ave.
Phone: GU 4-7344
35. Kelburn Equip. Co.
3136 S. Clarenc Ave.
Phone: ST 8-6485, BI 2-1672
36. Machine Parts Co.
6505 Ogden Ave.
Phone: BI 2-3470
37. Spaulding Fibre Co. Inc.
3247 Grove Ave.
Phone: ST 8-0994
38. Tracerlab Inc.
6429 W. Roosevelt Rd.
Phone: BI 2-2318

BLOOMINGTON

39. McDonald Mfg. Co., A. Y.
705 E. Lincoln St.
Phone: 5-2257
40. National Welding Supply Co.
406 W. Front St.
Phone: 5-7047

BLUE ISLAND

41. Conant Broach Co.
13747 S. Western Ave.

BROADVIEW

42. Jessop Steel Co.
25th Ave. at Cermak Rd.
Phone: ES 9-5966

43. Steel Warehousing Div.
25th Ave. at Cermak Rd.
Phone: CO 1-4200

BROOKFIELD

44. Catching Engrg. Co.
9242 Broadway
Phone: BI 2-1940 & HU 5-7890
45. Chicago Vibrator Products
9508 W. Ogden Ave.
Phone: HU 5-2266
46. Clark Controller Co., The
9107 W. Ogden Ave.
Phone: HU 5-0707, BI 2-1517
47. Johnson & Son, Ernie
9500 W. Ogden Ave.
Phone: HU 5-1686
48. Lincoln Electric Co., The
8846 W. 47th St.
Phone: BI 2-3088
49. Logan Co.
9242 Broadway
Box 117
Phone: HU 5-7062
50. Sanda, Laddie
3602 Maple Ave.
Phone: HU 5-0310
51. Stelmack, Cas
3822 Morton Ave.
Phone: HU 5-2118

CARPENTERSVILLE

52. Lubs, George W.
139 N. Green St.
Phone: HA 6-3266

CARY

53. General Handling Equip. Co.
120 Main St.
Phone: ME 9-9141

CHARLESTON

54. Gano Welding Supply
P. O. Box 395

CHICAGO

55. AAA Saw & Tool Service & Supply Co.
1401 W. Washington Blvd.
Phone: HA 1-7137
56. A. T. M. Sales Co.
903 N. Cicero Ave. (51)
Phone: MA 6-0343
57. Abbey Etna Co.
600 S. Michigan Ave. (5)
Phone: WE 9-3121
58. Abrasive Supply Co. Inc.
4455 W. Belmont Ave. (41)
Phone: KI 5-2353
59. A-Chem Sales Co.
4463 W. Lawrence Ave. (30)
60. Acheson Colloids Co.
Boyce Bldg., Room 902
510 N. Dearborn St. (10)
Phone: MO 4-2032
61. Adamas Carbide Corp.
9909 S. Walden Parkway. (43)
Phone: PR 9-6272
62. Adams, M. C.
5413 Magnolia Ave.
Phone: AR 1-4109
63. Adams & Nelson Co.
4125 Fullerton Ave. (39)
64. Ade, John
4433 W. Ogden Ave. (23)
Phone: ES 8-8000
65. Air Control Inc.
519 Milwaukee Ave. (22)
Phone: HA 1-4055
66. Air Mite Devices
4401 Kinzie
Phone: MA 6-6904
67. Albany Steel & Brass Corp.
1900 W. Grand Ave. (22)
68. Alomite Sales Co. Inc.
59 E. 25th St. (16)
69. Alert Tool & Supply Co.
4911 Fullerton Ave.
Phone: BE 7-2200
70. Aljanich & Assoc., Matt
315 S. Green St. (6)
Phone: ST 2-9386
71. Allegheny Ludlum Steel Corp.
4747 S. Kedzie Ave. (32)
Phone: LA 3-8650
72. Allen-Bradley Co.
445 N. LaSalle St. (10)
Phone: WH 4-1670
73. Allen Mfg. Co., The
5410 N. Broadway (40)
74. Allen Mfg. Co., W. D.
566-570 W. Lake St. (6)
Phone: RA 6-8181
75. Allied Automation Assoc. Inc.
400 N. Wells St. (10)
Phone: MO 4-1166
76. Allied Research Products Inc.
4231 N. Nordica Ave. (34)
Phone: SP 4-0234
77. Allis-Chalmers
135 S. LaSalle St. (3)
Phone: FR 2-6480
78. Allis Co., The Louis
5633 Diversey Ave. (39)
Phone: NA 2-8750
79. Alloy Rods Co.
3415 W. Cermak Rd. (23)
Phone: LA 1-0291
80. Althouse, Tracy
649 N. Sheridan (26)
Phone: AM 2-4474
81. Alting Supply Co.
550 E. 71st St. (19)
82. Aluminum Co. of America
520 N. Michigan Ave. (11)
83. Amer. Brass Co., The
4501 W. North Ave. (39)
Phone: BE 5-1000
84. Amer. Felt Co.
847 W. Jackson Blvd. (7)
85. Amer. Grinding & Machine Co.
2000 N. Mango Ave. (39)
86. Amer. Instrument Co., Inc.
5822 W. Lake St.
Phone: AU 7-9757
87. Amer. Pulley Co., The
1026 W. 50th St.
Phone: OA 4-2300
88. Amer. Screw Co.
589 E. Illinois St. (11)
Phone: WH 4-5866
89. Amer. Steel Foundries
Prudential Plaza (1)
Phone: SU 7-4090
90. Amer. Steel & Supply Co.
1011 E. 103rd St. (28)
Phone: WA 8-9893
91. Ames Metal Products
4323 S. Western Blvd. (9)
Phone: LA 3-3230
92. Ampeco Metal Inc.
6124 N. Milwaukee Ave. (46)
Phone: SP 4-0100
93. Ancar Engrg. Co.
3315 N. Harlem (34)
Phone: AV 2-0462
94. Anderson & Assoc., Geo. H.
205 W. Wacker Dr. (6)
95. Anderson Oil and Chemical Co. Inc.
500 W. Cermak Rd. (16)
96. Anderson & White Supply Co.
5025 W. Armitage Ave. (39)
Phone: BE 7-6300
97. Apex Power Equip. Co.
4047 W. 26th St. (23)
Phone: CR 7-4230
98. Arcos Corp.
1500 S. Western Ave.
Phone: MO 6-1866
99. Arco Inc.
5000 W. 73rd St. (38)
Phone: PO 7-2015
100. Argus Supply Co.
4806 W. Chicago (51)
Phone: ES 8-4087
101. Armour & Co.
3636 S. California Ave. (12)
Phone: FR 6-7484
102. Armstrong Cork Co.
6535 W. Irving Park Rd. (34)
103. Aro Equip. Corp.
4752 W. Washington Blvd. (44)
Phone: ES 9-0600

SALES OFFICES

ILLINOIS

CHICAGO (cont.)

104. Arrow Tools Inc.
1900 S. Kostner Ave. (23)
Phone: CR 7-4116
105. Associated Amer.
Winding Machinery Inc.
5935 W. Grand Ave. (39)
Phone: TU 9-0700
106. Associated Material Hand-
ling Industries
7856 S. Ashland Ave.
Phone: RA 3-7441
107. Astral Tool Co.
518 Diversey (14)
108. Atkins Saw Div.
111 N. Des Plaines
109. Atlas Sales Co.
630 W. Randolph St. (6)
Phone: CE 6-4626
110. Automatic Switch Co.
2221 W. Howard St. (45)
Phone: RO 1-7450
111. Baker Industrial Trucks
5627 S. Harlem Ave. (38)
Phone: LU 5-1190
112. Baldwin-Lima-Hamilton
627 Railway Exchange
Bldg. (4)
Phone: HA 7-3750
113. Balek, Clarence R.
6336 S. Talman Ave. (29)
Phone: FR 6-6091
114. Balco Tool & Machine Co.
6660 N. Western Ave. (45)
Phone: AM 2-1371
115. Ball Brothers
3428 W. 48th St.
116. Ball Machinery Co.
939 W. Lake St. (7)
Phone: SE 8-1108
117. Banner Tool & Supply Co.
3346 W. Lake St. (24)
118. Bannister Tool & Engrg. Co.
9137 S. Clyde Ave. (17)
Phone: RE 4-7767
119. Banabach Machinery Co.
221 N. Cicero Ave.
120. Baran Gear & Trans. Co.
2315 W. Fullerton Ave.
Phone: CA 3-5700
121. Barksdale Co.
4736 W. Madison St. (44)
122. Barrett-Christie Co.
118-124 N. Clinton St. (6)
Phone: FR 2-3540
123. Barrymount Corp., The
7029 W. Grand Ave.
Phone: NA 2-5250
124. Barth & Rennolds Co.
7117 W. Addison
Phone: KI 5-7975
125. Bartle Equip. Co., R.
2111 Greenleaf Ave. (45)
Phone: RO 4-6564
126. Bates Products Inc.
1129 E. 74th St. (19)
127. Batz Supply Co.
5514 W. Devon St.
128. Baumann, R. R.
2447 W. Belmont Ave. (18)
Phone: WE 5-9446
129. Baur, R. E.
5333A N. Lincoln Ave.
(23)
Phone: LO 1-0940
130. Bausch & Lomb Optical Co.
740 W. Washington Blvd.
(6)
Phone: ST 2-9222
131. Bay State Tap & Die Co.
9 N. Jefferson St. (6)
Phone: FR 2-8104
132. Bearing Headquarters Co.
4610 Washington Blvd.
(44)
Phone: ES 9-0300
133. Beck, Don G.
7727 S. Kedzie Ave.
Phone: WA 5-2330
134. Beck, Harry J.
5025 W. Armitage Ave.
(38)
Phone: BE 7-6360
135. Becker Engrg. & Supply Co.
5727 N. Central Ave. (46)
Phone: RO 3-3187
136. Beckman, Jr., Charles J.
7804 S. Kenneth Ave.
137. Behr-Manning Co.
2829 N. California Ave.
(18)
Phone: IN 3-1316
138. Bellows-Valvair
6120 W. North Ave. (39)
Phone: NA 2-4808
139. Beltraction Co.
1813 W. Winona St. (40)
140. Bennett, N. C.
5306 W. Lawrence Ave.
(30)
Phone: SP 7-9009
141. Bergstrom, Louis A.
3101 N. Natoma Ave. (34)
Phone: TU 9-0140
142. Bernstein & Co., George M.
12 S. Clinton St. (6)
143. Berry Bearing Co.
2633 S. Michigan Ave.
Phone: DA 6-6800
144. Berwanger Inc., Jay
340 W. Huron St. (10)
Phone: DE 7-5373
145. Beryllium Corp., The
205 W. Wacker Dr. (6)
Phone: AN 3-3353
146. Bealy-Welles Corp.
184 N. Wacker Dr. (6)
Phone: FR 2-1222
147. Bethlehem Steel Co.
2709 Prudential Bldg.
Prudential Plaza (1)
Phone: MO 4-5422
148. Beyer, Wayne G.
7425 N. Oriole (48)
149. Biddle Purchasing Co.
300 W. Adams St. (6)
Phone: AN 3-0033
150. Bierhaus-Balhorn Sales Inc.
7185 W. Armitage Ave.
(35)
Phone: TU 9-5011
151. Billings & Spencer Co., The
100 S. Jefferson St. (6)
Phone: AN 2-2744
152. Black & Decker
1100 W. Jackson Blvd. (7)
Phone: TA 9-3500
153. Black, Sidney J.
916 N. Cicero Ave. (51)
Phone: CO 1-8103
154. Blakeslee & Co., G. S.
1844 S. Laramie Ave. (50)
Phone: BI 2-2710
155. Blakeslee Co., J. K.
5730 Northwestern Ave.
156. Blancke & Co., A. C.
1244 N. Dearborn St. (10)
Phone: SU 7-4533
157. Bliss Co., E. W.
5946 W. Cermak Rd. (50)
Phone: BI 2-1873
158. Bliss & Laughlin Inc.
1025 W. Jackson Blvd. (7)
Phone: MO 6-6929
159. Bosler Supply Co.
1935 S. Wabash Ave. (16)
160. Boston Gear Works
5545 W. North Ave. (38)
Phone: NA 2-8740
161. Boyd-Wagner Co.
1440 W. Lake St. (7)
Phone: HA 1-1200
162. Brady Co., W. H.
6965 W. Belmont Ave. (34)
Phone: NA 2-2731
163. Braeburn Alloy Steel Corp.
7545 S. Claremont Ave.
(20)
Phone: FR 8-0300
164. Branson Ultrasonic Corp.
3056 N. Albany Ave. (25)
Phone: IR 8-1302
165. Bridgeport Brass Co.
3453 W. 47th Pl. (32)
Phone: LA 3-2330
166. Bristol Co., The
825 W. Chicago Ave.
Phone: HA 1-4060
167. Brock Tool & Supply Co.
4525 N. Ravenswood Ave.
(40)
Phone: LO 1-8325
168. Brooks Machine Tools Inc.,
Walter H.
5740 W. Chicago Ave. (51)
Phone: MA 6-8010
169. Bunting Brass & Bronze Co.
1355 W. North Ave. (22)
Phone: AR 6-8888

CHICAGO (cont.)

170. Burgmaster Chicago Sales
Div.
4906 N. Lincoln Ave.
Phone: LO 1-1178
171. Burkhardt Machinery Co.
221 N. La Salle St. (1)
Phone: RA 6-6821
172. Butterfield Div.
2959 W. Peterson Ave. (45)
Phone: LO 1-4572
173. CTR Sales & Grinding Co.
Inc.
1335-37 N. Halsted St. (22)
Phone: MI 2-6061
174. Camaras Equip. Co. Inc.
30 S. Clinton St. (6)
175. Capewell Mfg. Co.
3050 N. Cicero Ave. (41)
Phone: AV 3-7670
176. Capital Equip. Co.
24-26 S. Clinton St. (6)
Phone: AN 3-1000
177. Capparelli, Frank N.
15 S. Austin Blvd. (44)
Phone: CO 1-4390
178. Card Div., S. W.
2959 W. Peterson Ave.
(45)
Phone: SU 4-4433
179. Carlson Electronic Sales
6677 N. Northwest Hwy.
(31)
Phone: SP 4-0277
180. Carrier Corp.
Merchandise Mart Plaza
222 W. North Bank Dr.
(54)
Phone: WH 4-3441
181. Carroll, H. D.
3223 W. Armitage Ave.
(47)
Phone: DI 2-3678
182. Castle Engrg. Co.
6317 S. Western Ave. (36)
Phone: GR 6-8877
183. Center Sales Co.
5457 W. Chicago Ave. (51)
Phone: ES 8-0207
184. Central Cutting Tool Co.
5511 Diversey Ave. (39)
Phone: BE 7-4638
185. Central Scientific Co.
1700 Irving Park Rd. (13)
186. Central Solvents & Chem-
icals Co.
2540 W. Flournoy (12)
Central Steel & Wire Co.
P. O. Box 5310A (80)
187. Central Tool & Supply Co.
4249 W. Division St. (51)
Phone: SP 2-7111
188. Central Tools Co.
80 E. Jackson Blvd. (4)
Phone: WA 2-1196
189. Central West Machinery Co.
335 S. Western Ave. (12)
Phone: HA 1-0900
190. Century Electric Co.
6835 W. Higgins Rd. (31)
Phone: SP 4-6969
191. Chain Belt Co.
2701 W. Peterson Ave. (45)
Phone: ED 4-6015
192. Chain Sales Inc.
835 W. Randolph St. (7)
Phone: TA 9-8700
193. Chainveyor Corp.
5306 W. Lawrence Ave.
(20)
Phone: KI 5-3888
194. Chalfen, M. B.
161 E. Erie St.
Phone: MI 2-6262
195. Chase Brass & Copper Co.
5401 W. Grand Ave. (39)
Phone: TU 9-4000
196. Chemical Pump & Equip.
Corp.
565 W. Washington Blvd.
(6)
Phone: AN 3-1881, AN 3-
3490
197. Chicago Apparatus Co.
1735 N. Ashland Ave. (22)
Drive
1525 S. State St.
Phone: HA 7-7082
198. Chicago Hi-Speed Tool Co.
2721 N. Halsted St. (14)
201. Chicago Machine Tool Div.
903 N. Western Ave. (22)
Phone: BR 8-7111
202. Chicago Pneumatic Tool Co.
936 E. 87th St. (19)
Phone: HU 8-2409
203. Chicago Precision Supply
Corp.
618 W. Jackson Blvd. (6)
Phone: DE 2-0945
204. Chicago Pulley & Shafting
Co.
17-23 N. Desplaines St. (8)
Phone: FR 2-7726
205. Chicago Rawhide Mfg. Co.
1301 Eiston Ave. (23)
Phone: BR 8-2100
206. Chicago Supply & Tool Co.
901 N. Western Ave. (22)
Phone: EV 4-3933
207. Chicago Tool Sales & Ser-
vice Co.
3407 N. Harlem Ave.
Phone: AV 2-2882
208. Chicago Tube & Iron Co.
2531 W. 48th St. (32)
Phone: LA 3-1441
209. Chicago Welding Sales Co.
2711 S. Kedzie Ave. (23)
Phone: FR 6-0102
210. Chisholm-Moore Hoist Div.
6240 S. Kedzie Ave. (29)
Phone: FR 6-4183
211. Cicero Mfg. & Supply Co.
823 S. Cicero Ave.
212. Clark & Barlow Hardware
Co.
123 W. Lake St.
213. Clark Equip. Co.
3400 N. Western Ave. (18)
Phone: WE 5-1050
214. Clark Industries Inc.
11431 S. Halsted St.
Phone: IN 8-4554
215. Clarkson Engrg. Co.
105 N. Laramie Ave. (44)
Phone: AU 7-4272
216. Cleco Air Tools
5926 S. Pulaski Rd. (29)
Phone: PO 7-1108
217. Cleveland Cap Screw Co.,
The
133 S. Racine Ave. (7)
Phone: MO 6-6330
218. Cleveland Tramrail Chicago
Co.
565 W. Washington Blvd.
(6)
Phone: FR 2-5573
219. Cleveland Twist Drill Co.,
The
9 N. Jefferson St. (6)
220. Cliff Sales Co.
17 N. LeClaire Ave. (44)
Phone: CO 1-8700
221. Cobrin & Co., Buddy
624 S. Michigan
Phone: WE 9-2102
222. Columbia Tool Steel Co.
4832 S. Kedzie Ave. (32)
Phone: LA 3-3632
223. Commercial Shearing &
Stamping Inc.
5757 W. 65th St. (38)
Phone: PO 7-8500
224. Commonwealth Supply
Corp.
315 S. Green (7)
Phone: ST 2-9470
225. Conlon, Ed
6877 Northwest Hwy. (31)
226. Continental Drill Corp.
555 W. Adams St. (6)
Phone: DE 2-2776
227. Continental Oil Co.
Chicago Daily News Bldg.
Rm. 800
400 W. Madison St. (6)
Phone: FI 6-6122
228. Counihan, Gerald L.
3856 N. Kildare (41)
Phone: KI 5-4244
229. Courtright Co., Hugh
7882 Vincennes Ave.
230. Crown Supply Co.
4470 Eiston Ave. (36)
Phone: SP 7-1280
231. Crucible Steel Co.
4501-4531 W. Cortland St.
(39)
Phone: SP 2-0300

CHICAGO (cont.)

232. Crump & Co., A. L.
4936 N. Lincoln Ave. (25)
Phone: LO 1-7093
233. Cuno Engrg. Corp., The
4425 N. Sheridan Rd. (40)
Phone: LO 1-7093
234. Custom Cutting Tool Co.
5945 S. Pulaski (29)
Phone: LU 2-1512
235. Cutler-Hammer Inc.
6525 W. Irving Park Rd.
(39)
Phone: AV 2-2600
236. Cutler Seymour W.
2018 S. Halsted St. (8)
Phone: TA 9-4041
237. Dahly Tool Co., The
4939 W. Fullerton Ave.
(39)
Phone: ME 7-3221
238. Daniels Supply & Tool Co.
4447 W. Fullerton Ave.
(39)
Phone: HU 9-1029
239. Danits & Co., Samuel
230 N. Morgan St. (7)
Phone: SE 8-1800
240. Darrah Inc., B. W.
205 W. Wacker Dr. (6)
Phone: TA 9-4041
241. Davenport & Fellinger
1559 W. 83rd St. (20)
Phone: BE 8-5144
242. Daystrom Inc.
205 W. Wacker Dr. (6)
Phone: FR 2-4656
243. Dean Machinery Co. Inc.
80 E. Jackson Blvd. (4)
Phone: WI 2-0534
244. De Laval Separator Co., The
5724 N. Pulaski Rd. (46)
Phone: IN 3-3020
245. Delco Products Div.
3430 W. Division St. (51)
Phone: DI 2-1343
246. Denison Engrg. Div.
7090 W. 63rd St. (38)
Phone: LU 6-3737
247. Denton & Anderson Co., The
Rooms 510-512
9 S. Clinton St. (6)
Phone: RA 6-3217
248. Detrex Chemical Ind. Inc.
5875 N. Lincoln
Phone: LO 1-9658
249. Detroit Mold Engrg. Co.
5901 W. Division St. (51)
Phone: MA 6-2900
250. DeVilbiss Co., The
1280 W. Washington Blvd.
(7)
Phone: CA 6-6847
251. Diamond Saw Works Inc.
5457 W. Chicago Ave.
Phone: AU 7-5429
252. Die Details Supply Co.
8033 S. Kenton Ave.
Phone: RF 5-6236
253. Diehl Mfg. Co.
1019 W. Jackson Blvd. (7)
Phone: TA 9-4556
254. Dietzen Co., Eugene
2425 N. Sheffield Ave. (14)
Phone: LI 9-3300
255. Diaston Div.
1100 W. Washington Blvd.
(7)
Phone: CH 3-3770
256. Diversey Corp., The
1820 W. Roscoe St. (13)
Phone: GR 7-3000
257. Doall Midwest Co., The
4650 W. Fullerton Ave.
(39)
Phone: AL 2-5300
258. Dodge-Chicago Industrial
Equip. Co.
330 E. 24th St. (16)
Phone: CA 5-8500
259. Dodge Mfg. Corp.
Room 1705, Old Colony
Bldg.
407 S. Dearborn
Phone: HA 7-2980
260. Doran, E. G.
4806 W. Chicago (51)
Phone: ES 9-4213
261. Dorr Co., N. W.
5807 W. Division St. (51)
Phone: CO 1-6667
262. Dost Inc., R. B.
Phone: LO 1-7458
263. Dow Corning Corp.
6101 W. Fullerton Ave.
(39)
Phone: TU 9-5900
264. Duxod Inc.
3756 W. Devon Ave. (45)
Phone: OR 3-5490
265. DuPage Gage Inc.
Downers Grove
Phone: WO 8-5441
266. Durez Plastics Div.
1 N. LaSalle St. (2)
Phone: CE 6-1311,
FR 2-8757
267. Durrie Sales Co.
605 W. Washington St. (6)
Phone: FR 2-9595
268. Dynapak/Convair
7001 N. Clark St. (26)
Phone: RO 4-3455
269. Eastman Kodak Co.
1727 Indiana Ave. (16)
Phone: MA 6-7564
270. Eaton Mfg. Co.
Rooms 905-6, McCormick
Bldg.
332 S. Michigan Ave. (4)
Phone: HA 7-4441
271. Eckholm & Taylor
564 W. Adams St. (6)
Phone: FI 6-4800
272. Eclipse Air Brush Co.
331 N. Austin Blvd.
Phone: MA 6-7564
273. Econ-O-Cloth
2812 E. 79th St. (49)
Phone: WA 2-0449
274. Edens Equip. Co.
333 N. Michigan Ave. (1)
Phone: FI 6-3556
275. Efengge Electrical Supply
949-969 W. Chicago Ave.
(22)
Phone: SE 8-3500
276. Ehret & Kinsey
141 W. Jackson Blvd. (4)
Phone: WA 2-0449
277. Electric Supply Corp.
701 W. Jackson Blvd. (6)
Phone: AN 3-5225
278. Ellis Engrg. Co., R. E.
5001 W. Fullerton Ave.
(39)
Phone: NA 2-1862
279. Kilman & Zuckerman
119 S. Jefferson St. (6)
Phone: CE 6-3905
280. Elox Corp. of Mich.
6835 W. Higgins Ave. (31)
Phone: RO 3-1093
281. Elpar Engrg. Assoc.
5429 W. Diversey Ave.
(39)
Phone: BE 7-7701
282. Emerson Supply Co.
628 W. Randolph (6)
Phone: RO 3-6535
283. Engelhard Industries Inc.
55 E. Washington St.
Phone: FI 6-6288
284. Engelhardt, A. A.
4935 W. Fullerton (39)
Phone: TU 9-6220
285. Engis Equip. Co.
431 S. Dearborn St. (5)
Phone: HA 7-3223
286. Engle Co., Karl D.
4724 N. Sheridan Rd.
Phone: UP 8-6363
287. Equip. Mfg. Inc.
205 W. Wacker Dr., Room
200 (6)
Phone: DE 2-5758
288. Erickson Tool Co.
6015 N. Cicero Ave.
Phone: HA 7-3223
289. Erickson, Walden D.
6553 N. Minnetonka Ave.
(46)
Phone: RO 3-6440
290. Easley Machinery Co., E. L.
565 W. Washington Blvd.
Phone: RA 6-9644
291. Estes Machinery Co.
114 S. Clinton St. (6)
Phone: RO 3-6440
292. Etherton, R. E.
10336 S. Western Ave. (43)
Phone: PR 9-1333
293. Etico Tool & Machine Co.
Inc.
2822 W. Peterson (45)
Phone: RO 1-6050
294. Eutectic Welding Alloys
4353 S. Kedzie Ave. (32)
Phone: VI 7-5533

CHICAGO (cont.)

295. Evans & Co., L. G.
5027 W. Fullerton Ave.
(39)
Phone: TU 9-4300
296. Exact Weight Scale Co., The
608 S. Dearborn St. (5)
Phone: WA 2-9000
297. Exolon Co., The
5252 N. Broadway (40)
Phone: ED 4-5300
298. Exportadora Inc. of Ill.
188 W. Randolph
Phone: FR 2-3689
299. Factory Standards Lab. Inc.
416 N. State St.
Phone: DE 7-3718
300. Fafnir Bearing Co., The
4640 N. Olcott Ave. (31)
Phone: UN 7-8785
301. Fairbanks Co., The
2600 S. Throop St. (8)
Phone: CA 5-3600
302. Fairbanks, Morse & Co.
1550 S. State St. (5)
Phone: HA 7-7100
303. Famco Machine Co.
549 W. Randolph St.,
Room 612 (6)
Phone: ST 2-7508
304. Federal-Bryant Machinery
Co.
4639 Washington Blvd.
(44)
Phone: ES 8-3307
305. Federal Products Corp.
5928 Pulaski Rd. (29)
Phone: RE 5-8308
306. Fellows Gear Shaper Co.
5835 W. North Ave. (39)
Phone: BE 7-5444
307. Field & Assoc., Ray
15 S. Austin Blvd. (44)
Phone: MA 6-2421
308. Field Tool & Supply Co.
29 S. Des Plaines St.
Phone: WA 5-9702
309. Finn & Conway
8216 S. Western Ave. (20)
Phone: WA 5-9702
310. Flow Products Inc.
5656 W. Diversey Ave.
(39)
Phone: TU 9-5252
311. Fluid Dynamics Inc.
810 N. Central (51)
Phone: ES 8-7366
312. Foster Supplies Co.
6122 Milwaukee Ave. (46)
Phone: NE 1-8888
313. Fostoria Corp.
539 W. North Ave. (10)
Phone: MO 4-5500
314. Four States Machinery Co.
5300 W. Chicago Ave. (51)
Phone: ES 9-3200
315. Fraser Stamp & Seal Co. Inc.
81 W. Van Buren St. (5)
Phone: SH 3-7344
316. Fresen-Lambert Co.
7001 N. Clark St. (26)
Phone: SH 3-7344
317. Fullerton Steel & Wire Co.
6604 W. Fullerton Ave.
(35)
Phone: ME 7-2700
318. Fulton Machine Co.
12 N. Morgan St. (7)
Phone: HA 1-1051
319. Gallaher & Speck Inc.
546 W. Harrison St. (7)
Phone: HA 1-1051
320. Gardner-Denver Co.
1200 W. Fulton St. (7)
Phone: HA 1-1051
321. Garlock Packing Co., The
600 W. Jackson Blvd. (6)
Phone: RA 6-6716
322. Garrett Co. Inc., George K.
5875 N. Lincoln Ave.
Phone: AR 1-6900
323. Gasperik, E. L.
2608 W. 83rd St. (52)
Phone: GR 6-7308
324. Gene F. Sales Co.
5306 W. Lawrence (30)
Phone: RA 6-6716
325. General Bearings Co.
2436 S. Michigan Ave. (16)
Phone: RA 6-6716
326. General Dynamics Corp.
135 S. LaSalle St.
Phone: RA 6-6716
327. General Electric Co.
840 S. Canal St. (80)
Phone: RA 6-6716
328. Geometric-Horton
611 W. Washington Blvd.
(6)
Phone: RA 6-6716
329. Gibbs-Leherissey Co.
332 S. Michigan Ave. (4)
Phone: RA 6-6716
330. Giger Co., Charles
1718 N. Austin Ave.
Phone: RA 6-6716
331. Gill Co., Frank H.
7917 S. Exchange Ave.
(17)
Phone: SO 8-7422
332. Girard & Son, P. R.
327 LaSalle
Phone: HA 7-2718
333. Gits Brothers Mfg. Co.
1846 S. Kilbourn Ave. (23)
Phone: LA 1-3554
334. Glenbard Tool Mfg. Co.
216 N. Clinton St.
Phone: AN 3-7460
- 334A. Glenn & Co., J. J.
605 W. Washington Blvd.
(6)
Phone: ST 2-9667
335. Glessner Co., Harold M.
565 Washington Blvd. (6)
Phone: AN 3-6675
336. Golden Supply Co.
807 W. Van Buren St. (7)
Phone: AN 3-6020
337. Goldsmith Assoc. Inc., Phil
10617 Hale Ave., S. (43)
Phone: HI 5-3248
338. Goodrich Industrial Products
Co., B.F.
4646 W. Lake St. (44)
Phone: ES 8-3800
339. Gordon Co., Claud S.
3000 S. Wallace St. (16)
Phone: VI 2-6525
340. Gotttron Co., J. T.
53 W. Jackson Blvd.,
Room 1363 (4)
Phone: AU 7-0786
341. Gottschalk, Jr., L. J.
5200 W. Chicago Ave. (5)
Phone: AU 7-0786
342. Graham, Andrew C.
2904 Wilson Ave. (25)
Phone: RA 6-8871
343. Grand Tool Supply Co.
7209 W. Grand Ave. (35)
Phone: GL 2-8500
344. Grant, William H.
333 N. Michigan Ave. (1)
Phone: AN 3-2479
345. Great Lakes Supply Corp.
1026 W. 50th St. (9)
Phone: AT 5-6622
346. Greenlee Foundries Inc.
4600 W. 14th St. (50)
Phone: BI 2-3520
347. Guarantee Generator & Ar-
mature Co.
850 N. Ogden Ave. (22)
Phone: NA 2-5800
348. Guardian Metal Sales
5000 W. Bloomingdale
Ave.
Phone: NA 2-5800
349. Gulf Oil Corp.
200 N. Michigan Ave. (1)
Phone: FI 6-3870
350. Gurley-Ortman Co.
3210 N. Major Ave. (34)
Phone: KI 5-7874
351. Gust, Ralph J.
4806 W. Chicago Ave. (51)
Phone: MA 6-6026
352. Halinton, Harry
6400 N. Leoti Ave. (46)
Phone: RO 3-2131
353. Hammond and Metcalfe
20 N. Wacker Dr., Room
546 (6)
Phone: FI 6-8774
354. Handy & Harman
1900 W. Kinzie St. (22)
Phone: SE 3-1234
355. Hanson Co., C. H.
303 W. Erie St. (10)
Phone: AN 3-6510
356. Harding Brothers Inc.
5244 W. Diversey Ave.
(39)
Phone: MU 5-7342
357. Hare, Roger E.
7010 S. Cregier, Apt. 406
(49)
Phone: MU 5-7342
358. Harnischfeger Corp.
100 N. Wacker Dr. (6)
Phone: AN 3-6510
359. Harris Calorific Sales Co.
5057 W. Diversey Ave.
(39)
Phone: MU 5-7342

ILLINOIS

SALES OFFICES

ILLINOIS

CHICAGO (cont.)

- 360. Harris Co., P. A.
7239 W. Fitch Ave. (31)
Phone: MA 6-4896
- 361. Harris & Co., Samuel
114-116 N. Clinton Ave.
(6)
Phone: 2-7272
- 362. Hart, Peter M.
33 S. Austin Blvd. (44)
Phone: MA 6-4896
- 363. Hart & Co., Roy G.
9 S. Clinton St. (6)
Phone: AN 3-2105
- 364. Hartmann Co., Peter J.
7147 W. Belmont Ave. (34)
Phone: 2-7272
- 365. Hawkins & Co.
7205 N. Western Ave. (45)
Phone: 2-7272
- 366. Hayden & Co.
53 W. Jackson Blvd. (4)
Phone: WE 9-4121
- 367. Haynes Stellite Co.
230 N. Michigan Ave. (1)
Phone: FI 6-3300
- 368. Hello Co., Eric
4532 W. Congress St. (24)
Phone: VA 6-1800
- 369. Helicoid Gage Div.
400 W. Madison St. (6)
Phone: 2-7272
- 370. Heller Tool Co.
3323 W. Addison St. (18)
Phone: KE 9-3141
- 371. Henderson Engrg. Co.
743 W. Lake St. (6)
Phone: CE 6-5514
- 372. Henke, Albert
15 S. Austin Blvd. (44)
Phone: AU 7-1550
- 373. Hevi-Duty Electric Co.
5816 W. North Ave.
Phone: NA 2-6565
- 374. Hewitt-Robins
4401 W. Roosevelt Rd. (24)
Phone: CR 7-8820
- 375. Higgins & Linde Inc.
564 W. Randolph St.
Phone: FR 2-2070
- 376. High Strength Sales Corp.
1401 W. Jackson Blvd. (7)
Phone: 2-7272
- 377. Hill-Blare Inc.
549 W. Washington Blvd.
(6)
Phone: AN 3-6420
- 378. Hill Clarke Machinery Co.
2100 S. Kilbourn Ave. (23)
Phone: 2-7272
- 379. Himelblau, Byfield & Co.
1214-22 W. Madison St. (7)
Phone: TA 9-5430
- 380. Hoe & Co. Inc., R.
5569 Northwest Hwy. (30)
Phone: NE 1-8333
- 381. Hoffman Co. Inc., Robert W.
5250 W. Kinzie St. (44)
Phone: ES 9-6163
- 382. Hofman Engrg. Co.
4022 W. 55th St. (32)
Phone: RE 5-5520
- 383. Holtzer-Cabot
549 W. Washington Blvd.
(6)
Phone: DE 2-4232
- 384. Hooper-Green Co.
407 S. Dearborn St.
Phone: HA 7-2690
- 385. Horton Chuck Div.
611 W. Washington Blvd.
(6)
Phone: DE 2-3640
- 386. Houghton & Co., E. F.
222 W. Adams St. (6)
Phone: DE 2-3518
- 387. Howell Electric Motors Co.
1500 S. Western Ave. (8)
Phone: MO 6-4318
- 388. Hyatt Bearings Div.
332 S. Michigan Ave.
Phone: HA 7-8277
- 389. I-T-E
Bankers Bldg., Room 1719
105 W. Adams St. (3)
Phone: ST 2-6132
- 390. Iber Co., O.
636 W. Randolph St. (6)
Phone: DE 2-1315
- 391. Ideal Industries Inc.
600 W. Jackson Blvd. (6)
Phone: ST 2-9772
- 392. Ill. Precise Casting Co.
903 N. Spaulding Ave.
Phone: VA 6-1335
- 393. Ill. Supply & Tool Co.
950 W. Lake St. (7)
Phone: HA 1-2578
- 394. Industrial Tool Products
4846 W. Chicago Ave. (51)
Phone: MA 6-7060
- 395. Industrial Tool Sales & Service
1912 S. Drake Ave. (23)
Phone: LA 1-4900
- 396. Ingersoll-Rand Co.
400 W. Madison St. (6)
Phone: DE 2-4626
- 397. Ind. Commercial Filters
5816 W. North Ave. (39)
Phone: NA 2-9050
- 398. Ind. Steel Products
7-113 Merchandise Mart
(54)
Phone: MI 2-1863
- 399. Inland Steel Co.
30 W. Monroe St. (3)
Phone: FI 6-0300
- 400. Inspection Devices Co.
5417 S. Halsted (9)
Phone: KE 6-2345
- 401. Instrument Assoc.
7943 S. Exchange Ave.
(17)
Phone: ES 5-2702
- 402. International Nickel Co.
Inc., The
333 N. Michigan Ave. (1)
Phone: FR 2-4030
- 403. Interstate Machinery Co.
Inc.
1431 W. Pershing Rd.
Phone: YA 7-5800
- 404 J & L
Field Bldg. (3)
- 405. Jackson-Fotach Co.
7350 W. Lawrence Ave.
(31)
Phone: UN 7-8800
- 406. Jacobsen & Daw Inc.
315 S. Green St. (7)
Phone: FR 2-2349
- 407. Jacobson, R. C.
5949 W. North Ave. (39)
Phone: BE 7-1000
- 408. Jaffee, Bernard
612 N. Michigan Ave.
Phone: WH 4-1920
- 409. Jarvis Corp.
5352 Division St. (51)
Phone: ES 9-5159
- 410. Jenkins, John S.
5453 W. North Ave.
Phone: ME 7-2230
- 411. Jensen & Assoc., Fred A.
510 N. Dearborn St. (10)
Phone: SU 7-3800
- 412. Jerico Inc.
4744 W. Lake St. (44)
Phone: CO 1-4321
- 413. Johns-Manville Sales Corp.
Merchandise Mart Plaza
(54)
- 414. Johnson Bronze Co.
804 W. Washington Blvd.
(7)
Phone: MO 6-4785
- 415. Johnson & Son Inc., S. C.
222 W. North Bank Dr.,
Room 1477 (54)
Phone: SU 7-5568
- 416. Johnson Welding Equip. Co.
3421 Belmont Ave. (18)
- 417. Johnston, W. R.
4900 W. Madison Ave. (44)
Phone: MA 6-2363
- 418. Jonathan-Morman Assoc.
2800 W. Madison St. (12)
- 419. Jones & Lamson Machine
Co.
5835 W. North Ave. (39)
Phone: BE 7-1112
- 420. Jones & Laughlin Steel Corp.
4010 W. Madison St. (34)
Phone: VA 6-3901
- 421. Jones Superior Machine Co.
2820 Grand Ave. (12)
Phone: BR 8-3138
- 422. Jordan, William V.
228 N. LaSalle St. (1)
Phone: CE 6-9676
- 423. Kaiser Aluminum & Chemical
Sales Inc.
919 N. Michigan Ave. (11)
Phone: MO 4-0900

CHICAGO (cont.)

- 424. Kelite Corp.
3401 W. Touhy Ave. (45)
Phone: AM 2-4060
- 425. Kemp-Manning Sales Co.
6571 N. Olmsted (31)
Phone: SP 4-3406
- 426. Kennametal Inc.
5830 W. 26th St. (50)
Phone: BI 2-2420
- 427. Kirkwood Equip. & Supply
Co.
4030 W. Division St. (51)
Phone: SP 2-3240
- 428. Klages, William
815 Wilson St. (40)
Phone: SU 4-9777
- 429. Klein, N.
1453 W. Elmdale (26)
Phone: UP 8-2325
- 430. Knives and Saws Inc.
516-520 N. Cicero (44)
Phone: ES 8-4000
- 431. Knuth, Arthur J.
2501 N. Keeler Ave. (39)
Phone: CA 7-2200
- 432. Kraft Co., R. B.
10911 S. Hoyle Ave. (43)
Phone: BE 8-3532
- 433. Kraft, R. C.
11816 Longwood Dr. (43)
Phone: GR 2-1400
- 434. Krivo Industrial Supply Co.
1618 W. Fullerton Ave.
(14)
Phone: GR 2-1400
- 435. L & I Chicago
5457 W. Chicago Ave. (51)
- 436. Labquip Corp.
9 S. Clinton St. (6)
Phone: NA 2-5720
- 437. Laird, Porter L.
4876 W. Armitage Ave.
(39)
Phone: TU 9-5122
- 438. Lake Erie Machinery Corp.
2175 Transportation Bldg.
608 S. Dearborn St. (5)
Phone: HA 7-2966
- 439. Lambert Tool Supply Co.
16 N. Halsted St.
- 440. Lambs, F. H.
Lincoln Hotel, Room 403
1800 N. Lincoln Ave. (14)
- 441. Lamson & Sessions Co., The
5025 W. 73rd St. (38)
Phone: PO 7-8010
- 442. Lang & Swanson Co.
1154 N. Monitor Ave. (51)
Phone: ES 9-1600
- 443. Lange, E. F.
4719 N. Winchester (40)
Phone: AR 1-4834
- 444. Lebovitz Brothers
2004-08 W. Grand Ave.
(12)
- 445. Lee & Sons Inc., Harry
4216 W. North Ave.
Phone: CA 7-5500
- 446. Lee Supply & Tool Co.
836-42 W. Adams St. (7)
Phone: CH 3-2200
- 447. Leeds & Northrup Co.
307 N. Michigan Ave. (1)
Phone: CE 6-3428
- 448. Lehmann Sales Co.
830-30 N. LaSalle Bldg.
(2)
Phone: DE 2-0711
- 449. Leighton Co., Harry W.
5900 N. Western Ave. (45)
Phone: LO 1-2476
- 450. Leland-Gifford Co.
2515 W. Peterson Ave.
(45)
Phone: LO 1-3944
- 451. Leland Ohio Electric Co.,
The
1500 S. Western Ave.
Phone: MO 6-4318
- 452. Lietz Engrg. Co.
4805 W. Fullerton Ave.
(39)
Phone: NA 2-5150
- 453. Lighting Specialties Co.
1230 W. Randolph St. (7)
Phone: NA 2-5150
- 454. Lightner Assoc.
6322 N. Milwaukee Ave.
(46)
Phone: SP 4-1500
- 455. Lindberg Engrg. Co.
2450 W. Hubbard St. (12)
Phone: MO 6-3443
- 456. Linde Co.
230 N. Michigan Ave. (1)
- 457. Linick & Co., Ernest
5 S. Wabash Ave.
- 458. Linco Welding Supply Co.
4516 Irving Park Rd. (41)
- 459. Lithgow, J.
20 N. Wacker Dr. Room
1951 (6)
Phone: DE 2-6770
- 460. Logan Engrg. Co.
Lawrence & Lamone Aves.
- 461. Long Co., W. E.
188 Randolph Tower (1)
- 462. Lord Mfg. Co.
530 N. Michigan Ave. (11)
Phone: MI 2-6010
- 463. Lowden & Co.
2404 N. Harlem Ave. (34)
Phone: TU 9-6040
- 464. Lundmark-Dombrow Co.
549 Washington Blvd. (6)
Phone: AN 3-3507
- 465. Luther and Pedersen Inc.
564 W. Washington Blvd.
(54)
Phone: ST 2-6334
- 466. Lutz, John M.
11107 S. Longwood Dr.
- 467. M & H Engrg. Inc.
7026 W. North Ave. (35)
Phone: NA 2-3020
- 468. Machinery Dealers
606 W. Lake St.
- 469. Machinery International Inc.
315 S. Green (7)
Phone: ST 2-8072
- 470. Machinery & Welder Corp.
1234 W. Fulton St.
Phone: HA 1-3630
- 471. Mac-It Parts Co.
7427 S. Shore Dr. (49)
Phone: ES 5-9671
- 472. Madison Industries
10034 S. Western Ave. (43)
Phone: BE 8-2446
- 473. Magnus Inc., W. R.
188 W. Randolph Bldg.,
Suite 1006 (1)
Phone: AN 3-6124
- 474. Mahon Co., The R. C.
231 S. LaSalle St. (4)
Phone: ST 2-6424
- 475. Mallory & Co. Inc., F. R.
3672 Milwaukee Ave. (41)
Phone: KI 5-1025
- 476. Manderscheid Co., The
210 S. Clinton St. (6)
Phone: ST 2-8662
- 477. Manufacturers Industrial
Supply Corp.
5459 W. Division St. (51)
- 478. Manufacturers Supply Co.
1154 N. Monitor Ave.
- 479. Marathon Electric Mfg.
Corp.
2701 N. Paulina St. (14)
Phone: EA 7-8430
- 480. Marklin Supply Co. Inc.
3060 N. Elston Ave. (23)
- 481. Martin-Rockwell Corp.
4859 W. 47th St. (32)
Phone: LU 5-2100
- 482. Marquette Mfg. Co.
4845 S. Knox Ave. (32)
Phone: LU 2-6341
- 483. Marshall & Huchart Ma-
chinery Co.
571 Washington Blvd. (6)
Phone: RA 6-8880
- 484. Marsland & Co., Hugh
6080 Lincoln Ave. (45)
Phone: OR 6-1106
- 485. Martin & Co., W. L.
3000 W. Armitage Ave.
(47)
- 486. Master Gauge Co.
1150 W. Grand Ave. (22)
- 487. Materna, Henry W.
2501 N. Keeler Ave. (39)
Phone: CA 7-3200
- 488. Mathews & Co.
1234-1236 Belmont Ave.
(13)
Phone: GR 2-2500
- 489. Mattusch & Assoc., C. Geo.
540 W. Randolph St. (6)
- 490. Maurey Mfg. Corp.
2907-23 S. Wabash Ave.
(16)
Phone: DA 6-5151

CHICAGO (cont.)

491. McAdaragh, R. D.
17 W. 108th Pl.
Phone: CO 4-0933
492. McCartney, James G.
1915 N. Harlem Ave. (35)
Phone: NA 2-3020
493. McClean Machinery Co.
549 W. Washington Blvd.
(6)
Phone: ST 2-7793
494. McLouth Steel Corp.
Suite 2108, Prudential (1)
Phone: CE 6-6450
495. McMaster-Carr Supply Co.
640 W. Lake St. (6)
Phone: AN 3-3161
496. Mead Specialties Sales
549 Washington Blvd. (6)
Phone: ST 2-8553
497. Mellon, Herb
4600 W. 79th Place
498. Mendelson, Al
605 S. Dearborn St.
Phone: WA 2-2949
499. Merdeo Inc.
4959 W. Belmont Ave. (41)
Phone: AV 2-2411
500. Metal Methods
4118 W. Argyle Ave. (30)
Phone: PA 5-0745
501. Metal Parts & Equip. Co.
620 N. Michigan Ave. (11)
Phone: SU 7-9821
502. Metallizing Co. of Amer.
3520 W. Carroll Ave. (24)
Phone: SA 2-3710
503. Metallurgical Products
4117 S. Western Blvd. (9)
Phone: CL 4-8686
504. Metropolitan Hardware Co.
526 S. Dearborn St. (5)
505. Meyer Supply Co. Inc.
1011 N. Wolcott Ave. (22)
Phone: HU 6-4410
506. Meyer, Walter
3522 S. Everett Ave. (37)
Phone: HY 3-2887
507. Meyer & Wenthel Inc.
30 S. Jefferson St. (6)
508. Micro Deburrring Co.
5827 W. Lake St. (44)
Phone: ES 9-0667
509. Micro Switch Div.
7350 N. Lincoln Ave. (80)
Phone: IR 8-9290
510. Mid-City Industrial Supply
316 S. Halsted St. (6)
Phone: AN 3-1366
511. Mid-Continent Products Co.
6055 W. Belmont Ave. (34)
Phone: NA 2-1812
512. Midland Engrg. & Supply
7517 W. Belmont Ave. (34)
Phone: TU 9-3500
513. Mid-West Abrasive Co.
5807 W. Diversey Ave.
(39)
Phone: BE 7-5507
514. Midwest Hydraulics Inc.
4033 W. 63rd St. (29)
Phone: PO 7-4969
515. Miller Electric Mfg. Co. Inc.
3922 W. 104th St. (43)
Phone: BE 3-6467
516. Miller Inc., H. K.
7426 S. Halsted St. (21)
Phone: HU 3-5840
517. Millers Falls Co.
612 W. Randolph St. (6)
518. Mills Engrg. Sales Inc.
407 S. Dearborn St. (5)
519. Milwaukee Electric Tool Corp.
3040 N. Ashland Ave. (13)
Phone: DI 8-5667
520. Mobil Oil Co.
59 E. Van Buren St. (5)
Phone: HA 7-4641
521. Modco Tools
6140A W. Belmont Ave.
(34)
Phone: SP 7-8900
522. Moeller Engrg. & Sales Co.
2305 W. 18th St. (8)
Phone: TA 9-1188
523. Monaco, Arthur N.
1625 N. Newland Ave.
Phone: NA 2-5473
524. Mooney Inc., Pat
3753 W. Ogden Ave. (23)
Phone: CR 7-6200
- 524A. Moore, Howard
5143 W. Diversey Ave.
(39)
Phone: ME 7-2244
525. Moore Products Co.
1809 E 71st St. (49)
Phone: PL 2-5748
526. Morse Chain Co.
4868 N. Clark St. (40)
Phone: LO 1-7520
527. Morse Twist Drill & Machine Co.
571 W. Randolph St.
Phone: DE 2-0062
528. Moss, Frank H.
8342 Dante Ave. (19)
Phone: HY 3-4861
529. Munday, H. W.
332 S. Michigan Ave. (4)
Phone: HA 7-4266
530. Murphy & Dickey
537 S. Dearborn St. (5)
Phone: HA 7-7953
531. Murphy Co., Wm. O.
10336 S. Western Ave. (43)
Phone: BE 3-4155
532. Muzzy & Peters Co.
343 N. Mason (44)
533. N-R Equip. Inc.
2417 N. Ashland Ave. (14)
Phone: LA 5-3763
534. NRG Welding & Industrial Supply Inc.
1016 W. 79th St.
Phone: HU 8-1322
535. National Acme Co., The
559 W. Washington Blvd.
(6)
Phone: DE 2-1823
536. National Blue Print Co.
Union Station Bldg.
517 W. Adams St. (6)
Phone: CE 6-1168
537. National Refining Co.
452 N. Jefferson
Phone: MO 6-8712
538. National Screw & Mfg. Co.
228 N. LaSalle St. (1)
Phone: CE 6-2088
539. National Twist Drill & Tool Co.
1144 Washington Blvd. (7)
Phone: MO 6-3350
540. Neal Machinery Co.
3734 W. Belmont Ave. (18)
Phone: JU 8-8410
541. Neff, Kohlbusch & Bissell Inc.
5700 W. North Ave. (39)
Phone: ME 7-3070
542. Nelson, Rudy
1459 Edgewater Ave.
Phone: LO 1-2730
543. Nelson Stud Welding Div.
6556 W. Higgins Rd. (31)
Phone: NE 1-8400
544. New Departure Div.
222 W. Adams St., Room 1398 (6)
Phone: DE 2-7023
545. New Hermes Engraving Machine
7853 S. Loomis Blvd.
Phone: AB 4-2629
546. N. J. Zinc Co., The
221 N. LaSalle St. (1)
547. Newkirk, John M.
224 S. Michigan Ave. (4)
Phone: WE 9-2546
548. N. Y. Twist Drill Co. Inc.
30 N. Clinton St. (6)
Phone: RA 6-1294
549. Niedringhaus, Jr., Paul E.
550. Norma-Hoffman Bearings Corp.
3317 N. Harlem Ave. (34)
Phone: AV 2-3244
551. Norman Engrg. Co.
2115 W. Marquette Rd.
(36)
Phone: HE 4-2300
552. Norris Engrg. Co., Walter
Civic Opera Bldg.
20 N. Wacker Dr. (5)
Phone: ST 2-2804
553. North Amer. Viking Drill Co.
214 S. Clinton St. (6)
Phone: FI 6-2140

CHICAGO (cont.)

554. Northern Industrial Supply
4708 Armitage Ave.
Phone: NA 2-1100
555. Northwest Tool Sales & Service
6326 W. Grand Ave. (39)
Phone: NA 2-3241
556. Norton Co.
4737 S. Christiana Ave.
(32)
Phone: LA 3-8700
557. Oakite Products Inc.
412 Wrigley Bldg.
400 N. Michigan Ave. (11)
Phone: SU 7-8058
558. Offen, Charles
5322 W. Race Ave.
559. Ohio Knife Co., The
600 S. Michigan Ave. (5)
Phone: HA 7-3239
560. Oilgear Co., The
4754 W. Washington Blvd.
(44)
Phone: AU 7-9649
561. O. K. Tool Co. Inc., The
222 W. Adams St., Room 263 (6)
562. Oliver Machinery Co.
3555 W. Peterson Ave. (45)
Phone: CO 7-1041
563. Olsen Tool & Equip. Co.
2147 W. 79th St. (30)
564. Osborn Mfg. Co., The
5823 S. Kedzie Ave. (29)
Phone: WA 5-4172
565. Oscar, Robert E.
38 S. Dearborn St.
Phone: DE 2-1229
566. Ostrom Tool Co.
4848 W. Lawrence Ave.
(30)
567. Ott Co., John
St. Clair Bldg., Room 306
154 E. Erie St. (11)
Phone: SU 7-1546
568. Owens, Roy
4318 W. Cermak Rd. (23)
Phone: CR 7-2287
569. Pabco Industries Inc.
6943 W. Grand Ave.
Phone: ME 7-3760
570. Palmer-Bee Co.
6211 W. Touhy Ave. (48)
Phone: RO 3-6767
571. Palmer Co., S. V.
589 E. Illinois
Phone: MI 2-8764
572. Pannier Corp., The
7460 S. Vincennes Ave.
(21)
Phone: HU 8-2010
573. Pariah Machinery Co.
600 S. Michigan Ave. (5)
Phone: WE 9-4608
574. Patlyn Gears & Transmissions Corp.
2456 W. 38th St.
Phone: YA 7-8482
575. Paulsen Co., B. R.
1755-57 W. Madison St.
Phone: SE 3-1872
576. Pearce Tool & Gage Co.
565 W. Washington Blvd., Room 812 (6)
Phone: ST 2-1960
577. Pêche, Harry
4126 W. End
578. Pedersen Brothers Tool & Supply Co.
621-625 Washington Blvd.
(6)
Phone: RA 6-4102
579. Peninsular Grinding Wheel Co.
3151 W. 47th St. (32)
Phone: LA 3-4811-2
580. Peninsular Steel Co.
122 S. Damen Ave. (12)
581. Penola Oil Co.
1720 Borg-Warner Bldg.
202 S. Michigan Ave. (4)
Phone: WA 2-9540
582. Perfecting Service Co.
Southmoor Bank Bldg., Room 316
Phone: MI 3-2205
583. Peschl, Emil R.
5935 N. Artesian (45)
Phone: SU 4-1238
584. Peterson Tool Co., Clifford
123 N. Jefferson St. (6)
Phone: FI 6-4040
585. Peterson & Assoc., Vincent T.
332 S. Michigan Ave. (4)
Phone: WA 2-7073
586. Peterson Welding Supply Co.
2102 W. 35th St. (9)
587. Platers Technical Service Inc.
509 S. Wabash Ave. (5)
Phone: HA 7-7648
588. Pneu-draulic Sales Co.
2955 W. 59th St. (29)
Phone: RE 7-3898
589. Polymer Corp. of Pa., The
3760 W. Devon Ave. (45)
Phone: CO 7-8050
590. "POP" Rivet Div.
2604 W. 81st Pl. (53)
Phone: RE 7-1610
591. Porter-Cable Machine Co., The
5707 W. Division St.
Phone: CO 1-2690
592. Porter Precision Products
9030 S. Hermitage (20)
Phone: PR 9-5227
593. Porter, R. D.
1946 W. Foster Ave. (40)
Phone: LO 1-6530
594. Post Co., Frederick
3650 N. Avondale Ave.
(90)
Phone: KE 9-7000
595. Powell, H. Robert
400 W. Madison St. (6)
Phone: CE 6-9323
596. Power Transmission Equip. Co.
1245 W. Fulton St. (7)
Phone: MO 6-1500
597. Pratt & Whitney Co. Inc.
4649 W. Fullerton Ave.
(39)
Phone: HU 9-1636
598. Precision Gage Co. Inc.
7947 S. Harvard Ave.
Phone: TR 4-0135
599. Precision Products Co.
122 S. Damen Ave. (12)
600. Precisa Rubber Products Corp.
400 W. Madison St. (6)
Phone: CE 6-2589
601. Princeton & Assoc., E. R.
2456 W. Diversey (47)
602. Product Maintenance Inc.
4358 Montrose Ave. (41)
Phone: SP 7-1212
603. Production Tool Specialties
15 S. Austin (44)
Phone: CO 1-8422
604. Pulver Machinists Supply Co.
27-29 N. Jefferson St. (6)
Phone: FR 2-5010
605. Purolator Products Inc.
5955 N. Rockwell St. (45)
Phone: UP 8-0094
606. Quaker Tool Co.
1115 S. Pulaski Rd.
607. Quick Shear Wheel Co.
5240 W. Winona St.
Phone: KI 5-9131
608. R. J. Machinery Sales
5842 W. Addison (34)
Phone: AV 3-4686
609. R-P&C Valve Div.
40 W. Madison St. (6)
610. Raco Industrial Corp.
Merchandise Mart (54)
611. Ranney Engrg. Co.
4218 W. 63rd St. (29)
612. Rapistan of Chicago Inc.
6911 W. 59th St. (38)
Phone: LU 5-0661
613. REB Enterprises Inc.
5028 N. Lincoln Ave. (25)
Phone: LO 1-4066
614. Rebstock, Charles
6317 N. Kenmore (40)
615. Reed-Prentice Div.
538 N. Western Ave. (12)
Phone: CA 6-0701

ILLINOIS

SALES OFFICES

ILLINOIS

CHICAGO (cont.)

616. Rellly Co., The T. A.
10340 S. Western Ave.
(43)
Phone: PH 9-5030
- 616A. Reliance Electric & Engrg. Co.
3300 N. Knox Ave.
Phone: AV 2-0400
617. Republic Steel Corp.
1200 McCormick Bldg. (4)
Phone: WA 2-3279
618. Realstoflex Corp.
80 E. Jackson Blvd. (4)
Phone: HA 7-8243
619. Reynolds & Assoc., Don J.
5042 W. Madison St. (44)
Phone: CO 1-4015
620. Reynolds Metals Co.
Wrigley Bldg. (11)
Phone: WH 4-2300
621. Reynolds Tool Supply Co.
5042 W. Madison St. (44)
Phone: ES 9-1100
622. Rhoads & Sons, J. E.
549 W. Washington St. (6)
Phone: CE 6-6130
623. Richard Specialty Co.
3447 N. Kenton Ave. (41)
Phone: RA 6-8140
624. Rick & Selleg
549 W. Washington Blvd. (6)
Phone: RA 6-8140
625. Ridgway Engrg. Inc.
6100 W. North Ave. (39)
Phone: TU 9-5715
626. Rieks Co., Geo. A.
6615 N. Kilpatrick Ave.
(30)
Phone: OR 3-4961
627. Ring Co. Inc., Ray M.
4610-16 W. Washington Blvd. (44)
Phone: ES 9-0300
628. Ritter Engrg. Co.
6752 Stony Island Ave.
(49)
Phone: BU 5-0478
629. Robbins & Myers Inc.
5317 W. Montrose Ave.
(41)
Phone: SP 7-8970
630. Roberts, Fred G.
540 N. Michigan Ave.,
Room 211A (11)
Phone: DE 7-6606
631. Robertson & Co., Donald
549 W. Randolph St. (8)
Phone: AN 3-2333
632. Rockwell Mfg. Co.
Peoples Natural Gas Bldg.,
Suite 1824
122 S. Michigan Ave. (3)
Phone: HA 7-7821
633. Rogers Co., L. E.
4908 W. Madison St. (44)
Phone: CO 1-3356
634. Rogers & Roenapies Tool Sales
6261 W. Grand Ave. (39)
Phone: ME 7-5881
635. Rollway Bearing Co. Inc.
5839 W. Montrose Ave.
(34)
Phone: KI 5-2421
636. Roman Midwest Industrial Co.
100 W. Chicago Ave.
Phone: WH 4-1067
637. Root Brothers Mfg. & Supply Co.
10307-25 S. Michigan Ave.
(28)
Phone: CO 4-5000
638. Ross, A. B.
5306 W. Lawrence Ave.
(30)
Phone: MU 5-0600
639. Rotary Lift Co.
35 E. Wacker Dr. (1)
Phone: CE 6-6180
640. Rotor Tool Co., The
3021 W. 63rd St. (29)
Phone: FR 6-8050
641. Rubber & Asbestos Corp.
3553 W. Peterson Ave.
(45)
Phone: KE 9-2214
642. Rule Diamond Tool Products
10336 S. Western Ave. (43)
Phone: CE 4-3170
643. Russell, Burdall & Ward
Bolt & Nut Co.
38 S. Dearborn St. (3)
Phone: FI 6-6450
644. Ryerson & Son Inc., Joseph T.
Machinery Div.
16th & Rockwell St. (80)
P. O. Box 8000
Phone: RO 2-2121
645. Salisbury & Co., W. H.
401 N. Morgan St. (22)
Phone: HA 1-4850
646. Sandvik Steel Inc.
230 S. Michigan Ave. (1)
Phone: FR 2-5638
647. Schaer & Co.
7300 W. Montrose Ave.
(34)
Phone: HA 1-4850
648. Scherr-Tumico Co.
5045 W. Harrison St. (44)
Phone: ES 9-9024
649. Schlitt, Geo. J.
2346 W. Diversey Ave.
(47)
Phone: EA 7-0300
650. Schmidt Inc., George T.
4100 Ravenswood Ave.
(13)
Phone: EA 7-0300
651. Schrade-Batterson Co.
5253 W. Belmont Ave. (41)
Phone: AV 2-0250
652. Schramm Inc.
5550 W. North Ave. (39)
Phone: ME 7-7817
653. Schuette, Herman
6352 S. Maryland Ave.
Phone: RA 3-3450
654. Schultz Co., Clifford F.
4637 N. Knox Ave. (30)
Phone: ME 7-7817
655. Schutt-Huelsman Co.
5844 W. North Ave. (39)
Phone: ME 7-7817
656. Seclay Brothers Inc.
4915 W. 67th St. (38)
Phone: PO 7-5690
657. Scott Steel Co.
8 S. Michigan Ave.
Phone: RA 6-4324
658. Screw Machine Supply Co.
118 N. Aberdeen St. (7)
Phone: CH 3-5000
659. Selas Corp. of America
3857 W. Washington Blvd.
(24)
Phone: VA 6-5443
660. Select Machine Sales Inc.
3406 N. Harlem Ave. (34)
Phone: NA 2-6511
661. Seng, J. N.
6151 S. Honore St. (36)
Phone: TA 9-1553
662. Sentry Co., The
4906 N. Hermitage Ave.
(40)
Phone: LO 1-2886
663. Servatius, Leon A.
4147 W. Lake St. (24)
Phone: KE 3-2797
664. Severance Tool Ind. Inc.
4900 W. Madison St. (44)
Phone: CO 1-7570
665. Sharp Tool Service Co.
5401 W. Lake St. (44)
Phone: ES 8-1600
666. Shaw & Sons Inc., Charles J.
4913 W. Fullerton Ave.
(39)
Phone: BE 7-1061
667. Sheehan, William
5610 W. Division
Phone: CO 1-4342
668. Sheffield III. Sales Corp.
2130 N. Harlem Ave. (35)
Phone: GL 6-8784
669. Shell Chemical Co.
6054 W. Touhy Ave. (48)
Phone: SP 4-8711
670. Shepherd Co., Charles M.
1514 W. Adams St. (7)
Phone: MO 6-4155
671. Sherertz-Henderson Co.
5707 W. Lake St. (44)
Phone: CO 1-1032
672. Simonds Abrasive Co.
3323 W. Addison St. (18)
Phone: KE 9-6010
- CHICAGO (cont.)
673. Simonds Saw & Steel Co.
3323 W. Addison St. (18)
Phone: KE 9-6010
674. Sinclair Refining Co.
135 N. Wacker Dr. (6)
Phone: FI 6-5900
675. Sinclair Refining Co.
2540 W. Cermak Rd. (3)
Phone: ES 8-5422
676. Sipchen Co., John H.
13 S. Austin Blvd. (44)
Phone: ES 8-5422
677. Size Control Co.
2500 W. Washington Blvd.
(12)
Phone: MO 6-6710
678. SKIL Corp.
3259 W. Columbus Ave.
(52)
Phone: HE 6-1553
679. Skinner Electric Valve Div.
549 W. Randolph St.,
Room 706 (6)
Phone: CE 6-6876
680. Smith Combustion Equip. Co.
2545 W. Congress Parkway.
(12)
Phone: TA 9-9050
681. Smith & MacKay
8006 S. Ashland Ave. (20)
Phone: RA 3-4309
- 681A. Smudde, Stan
5143 W. Diversey Ave.
(39)
Phone: ME 7-2244
682. Snap-on Tools Corp.
120 N. May St. (7)
Phone: TA 9-2651
683. Solitest Inc.
4711 W. North Ave. (29)
Phone: NA 5-5525
684. Sommer & Maca Glass Machinery
5591 W. Ogden Ave. (50)
Phone: TO 3-5448
685. Sorgenfrei, F. W.
1555 W. 94th St. (20)
Phone: PR 9-6586
686. South Chester Corp.
612 N. Michigan Ave.
(12)
Phone: DE 7-2532
687. Spath, H. F.
5413 W. Diversey Ave.
(39)
Phone: BE 7-1020
688. Spaulding Fibre Co. Inc.
4770 Lincoln Ave. (25)
Phone: LO 1-7867
689. Spaulding Fibre Co. Inc.
7644 W. Belmont Ave.
(34)
Phone: NA 5-5525
690. Spaulding Fibre Co. Inc.
5604 W. 63rd St. (38)
Phone: RE 5-1919
691. Sperry Products Co.
80 E. Jackson Blvd. (4)
Phone: HA 7-6547
692. Spurgeon Co., N. B.
4315 W. Fullerton Ave.
(39)
Phone: HU 9-3700
693. Squire-Cogswell Co.
4151 N. Kedzie Ave. (18)
Phone: KE 9-9240
694. Stanco Welder & Machinery Co.
9 S. Clinton St. (6)
Phone: RA 6-5285
695. Standard Conveyor Co.
2459 N. Laramie Ave. (39)
Phone: NA 2-2723
696. Standard Oil Co.
30 N. Wacker Dr. (6)
Phone: AN 3-2345
697. Standard Pressed Steel Co.
1150 W. Adams St.
Phone: CH 3-7800
698. Standard Safety Equip. Co.
232 W. Ontario St. (10)
Phone: FR 2-8978
699. Standard Tool Co.
552 W. Washington Ave.
(6)
Phone: FR 2-8978
700. Strange & Sanford Co.
5522 W. North St. (39)
Phone: TU 9-3188
701. Starrett Co., The L. S.
4949 W. Harrison St. (44)
Phone: MA 6-1160
702. Stebbins Hardware Co.
15 W. Van Buren St.
Phone: ES 9-2700
703. Siemco Inc., R. Edward
5681 W. Lake St. (44)
Phone: ES 9-2700
704. Sterling Electric Motors Inc.
3225 W. North Ave. (47)
Phone: SP 2-8666
705. Sterling Grinding Wheel Co.
3145 W. 47th St. (32)
Phone: CL 4-3145
706. Sterling Products Co. Inc.
121 N. Jefferson St.
Phone: ST 2-1126
707. Stokes Corp., F. J.
3054 W. Peterson Ave.
(45)
Phone: RO 4-8040
708. Stutz Co., The
4450 W. Carroll Ave. (24)
Phone: AU 7-1066
709. Sun Oil Co.
1515 N. Harlem Ave.
Phone: EU 3-4100
710. Super Tool Co.
5423 N. Milwaukee (30)
Phone: SP 5-3066
711. Supplies Inc.
564 W. Adams St. (8)
Phone: FI 6-4800
712. Supply & Hardware Corp.
6314 S. Central Ave. (38)
Phone: RA 6-5656
713. Supreme Abrasives
387 N. Karlov Ave. (24)
Phone: RA 6-5656
714. Surplus, Dunn & Co.
34 N. Clinton St. (6)
Phone: RA 6-5656
715. Swanson, Russell
7101 Stony Island (49)
Phone: MI 3-1082
716. Swartzchild & Co. Inc.
29 E. Madison St. (2)
Phone: SP 4-4100
717. Syntro Chicago Sales Co.
236 N. Pulaski Rd. (24)
Phone: NE 2-3676
718. Taylor Tool & Supply Co.
8238 Forest Preserve Dr.
(34)
Phone: NA 5-8770 or 5-8530
719. Teletype Corp.
1400 Wrightwood Ave.
(14)
Phone: SP 4-4100
720. Texaco Inc.
332 S. Michigan Ave. (4)
Phone: HA 7-1920
721. Thiele Co., Martin E.
5024 Irving Park Rd. (41)
Phone: HA 7-3400
722. Thomas Pump Co. Inc.
407 S. Dearborn St.
Phone: HA 7-3400
723. Thomson Mfg. Co., Judson L.
5545 Northwest Hwy.
Phone: SP 4-4100
724. Thor Power Tool Co.
1834 S. Laramie Ave. (50)
Phone: RI 2-3553
725. Timken Roller Bearing Co., The
4647 W. 47th St. (33)
Phone: PO 7-7700
726. Tobey, W. R.
1134 S. Michigan
Phone: WA 2-0290
727. Tocco Div.
6000 S. Nashville Ave.
(38)
Phone: RE 5-6846
728. Tool Equip. Co.
1808 N. Oak Park Ave.
(35)
Phone: TU 9-4970
- 728A. Tool Mart, The
6975 N. Sheridan Rd. (36)
Phone: HO 5-2579
729. Tool Sales Co.
4754 W. Washington Blvd.
(44)
Phone: CO 1-1277
730. Tool Supply Co.
2637 S. Michigan Ave.
(16)
Phone: DE 2-7250
731. Topflight Corp.
221 N. LaSalle St., Room 754 (1)
Phone: DE 2-7250
732. Torrington Mfg. Co., The
Burgess Bldg.
6034 N. Cicero Ave. (46)
Phone: PE 6-8600

SALES OFFICES

CHICAGO (cont.)

- 733. Torsion Balance Co., The
224 S. Michigan Ave. (4)
Phone: HA 7-5467
- 734. Tourtelot Co., Fred I.
407 S. Dearborn St. (5)
Phone: HA 7-5467
- 735. Tower Oil Co.
300 W. Washington St. (6)
Phone: SO 8-7300
- 736. Towmotor Corp.
2940 E. 96th St. (17)
Phone: SO 8-7300
- 737. Towns, R. C.
5309 W. Monroe (44)
Phone: WE 5-4747
- 738. Triangle Sales & Supply Co.
1305 W. Belmont Ave. (13)
Phone: WE 5-4747
- 739. Triangle Supply Co.
1923 S. Michigan Ave. (16)
Phone: CA 5-3388
- 740. Tracerlab Inc.
325 W. Jackson Blvd. (5)
Phone: HA 7-8981
- 741. Trico Equip. Corp.
4341 W. North Ave. (39)
Phone: AR 6-4180
- 742. Triton Co.
327 S. LaSalle St. (4)
Phone: DE 2-6770
- 743. Tubular Products Div.
105 S. LaSalle St. (3)
Phone: FR 2-4491
- 744. Tubular Rivet & Stud Co.
6610 W. Dain St. (34)
Phone: PE 6-7472
- 745. Tucker, C. E.
4554 Broadway (40)
Phone: LO 1-1561
- 746. Tucker, W. C.
20 N. Wacker Dr., Room 1931 (6)
Phone: DE 2-6770
- 747. Tye Sales, Frank
1039 Willow St. (14)
Phone: ST 2-1649
- 748. Uddeholm Co. of Amer. Inc.
55 E. Washington (2)
Phone: ST 2-1649
- 749. Udyllite Corp., The
2859 N. Natoma Ave. (34)
Phone: CH 3-9648
- 750. Uhlhorn, Elmer H.
3216 W. Winona (30)
Phone: SP 7-1916
- 751. Uni-Carb Co.
5577 Northwest Hwy. (30)
Phone: SP 4-1222
- 752. Union Carbide Plastics Co.
230 N. Michigan Ave. (1)
Phone: FI 6-3300
- 753. Union Twist Drill Co.
2959 W. Peterson Ave. (49)
Phone: SU 4-4433
- 754. United Machinery Sales Co.
1741 W. 91st St. (20)
Phone: PR 5-8050
- 754A. U. S. Electrical Motors Inc.
6551 W. Belmont Ave. (34)
Phone: TU 9-6242
- 755. U. S. Gauge Div.
600 S. Michigan Ave. (5)
Phone: HA 7-0677
- 756. U. S. Gypsum Co.
300 W. Adams (6)
Phone: ST 2-8100
- 757. U. S. Steel Corp.
208 S. LaSalle St. (90)
Phone: SU 4-4433
- 758. U. S. Steel Supply Div.
1319 W. Wabasha Ave. (4)
Phone: TA 9-1120
- 759. Universal Machinery Co.
1120 W. Jackson Blvd. (7)
Phone: TA 9-1120
- 760. Universal Safety Equip.
5115 W. Diversey Ave. (39)
Phone: BE 7-1900
- 761. Usalakin, Milton
4522 W. Fullerton Ave. (39)
Phone: CA 7-6200
- 762. Valentin Metals
6140A W. Belmont Ave. (34)
Phone: SP 7-8900
- 763. Vanadium Alloys Steel Co.
6632 W. Diversey Ave. (35)
Phone: NA 2-1010

- 764. Vascoloy-Ramet Corp.
7806 S. Ashland Ave. (20)
Phone: TR 4-9595
- 765. Veeder-Root Inc.
549 W. Washington Blvd. (6)
Phone: ST 2-6283
- 766. Viking Pump Co.
549 W. Washington Blvd. (6)
Phone: ST 2-6818
- 767. Vocar Mfg. & Sales Co.
6027 Northwest Hwy. (45)
Phone: CE 6-1891
- 768. Volz Machinery Co., H. J.
2513 W. Peterson Ave. (45)
Phone: LO 1-0354
- 769. Vulcan-Kidd Steel Div.
259 N. California Ave. (12)
Phone: VA 6-1628
- 770. Waaga Mfg. Co.
632 N. Albany St. (6)
Phone: FR 3-2584
- 771. Wabash Supply Co.
547 W. Lake St. (6)
Phone: FR 3-2584
- 772. Wachs-Gregg & Co.
1525 Dayton St. (22)
Phone: MI 2-7578
- 773. Wacker Sales
35 E. Wacker Dr. (6)
Phone: CE 6-0375
- 774. Walker, Adrian A.
336 S. Jefferson (6)
Phone: FR 2-5504
- 775. Walker-Jimenes Inc.
311 S. Western Ave. (12)
Phone: BU 1-7060
- 776. Wallace Tube Div.
1300 Diversey Parkway. (14)
Phone: BU 1-7060
- 777. Walnor Corp.
20 N. Wacker Dr. (6)
Phone: ST 2-2804
- 778. Ward Machinery Co.
564 W. Washington Blvd. (6)
Phone: ST 2-9440
- 779. Warner Electric Brake & Clutch Co.
1915 N. Harlem Ave. (35)
Phone: TU 9-2161
- 780. Warner Electric Co. Inc.
1512 Jarvis Ave. (26)
Phone: LA 3-0620
- 781. Watts Pneumatic Co.
4328 S. Western Ave. (9)
Phone: LA 3-0620
- 782. Webb Co., Jervis B.
5642 W. Lake St. (44)
Phone: CO 1-7614
- 783. Weber & Co., H. J.
5722 W. Chicago Ave. (51)
Phone: CO 1-5644
- 784. Weber, W. F.
327 S. LaSalle St. (4)
Phone: WA 2-1280
- 785. Weber Sales, Walter C.
40 N. Menard Ave. (44)
Phone: CO 1-8421
- 786. Weichmann, Ed.
737 N. Michigan Ave. (11)
Phone: WH 4-4888
- 787. Welders Supply Co., The
2228 W. Touhy Ave. (43)
Phone: WH 4-4888
- 788. Welding Process Equip. Corp.
1302 Bryn Mawr Ave. (40)
Phone: HO 5-5274
- 789. Weldon Engrg. Co.
1737 W. Howard St. (26)
Phone: HO 5-5274
- 790. Wellman Engrg. Co. of Ill.
The
520 N. Michigan Ave. (34)
Phone: SU 7-5542
- 791. Weltronic Co.
1134 W. 60th St. (21)
Phone: HU 3-9465
- 792. Wendt-Sonls Co.
3408 1/2 N. Harlem Ave. (34)
Phone: BE 7-3262
- 793. West Chemical Products Inc.
4742-64 S. Kedzie Ave. (32)
Phone: BE 7-3262
- 794. Western Gear Corp.
122 S. Michigan Ave. (3)
Phone: WA 2-3275
- 795. Western Tool Supply Co.
619 W. Randolph St. (4)
Phone: HA 7-8641
- 796. Westinghouse Air Brake Co.
827 Railway Exchange Bldg. (4)
Phone: HA 7-8641

CHICAGO (cont.)

- 797. White Machinery Co., A. D.
2138 W. Touhy Ave. (45)
Phone: LO 1-6653
- 798. White, Laurence J.
Uptown Bank Bldg. (10)
Phone: LO 1-6653
- 799. Whiting Corp.
33 S. Clark St., Room 928 (3)
Phone: FR 2-5303
- 800. Whitman & Barnes
600 W. Van Buren St. (7)
Phone: CE 6-1891
- 801. Whittmore, A. L.
15 N. Jefferson St. (6)
Phone: FR 2-4383
- 802. Wilkes Co., The
4013 Milwaukee Ave. (41)
Phone: KI 5-5133
- 803. Williams & Co., J. H.
117 N. Jefferson St. (6)
Phone: RA 6-8680
- 804. Willis-Stutson Assoc.
5042 W. Madison St. (44)
Phone: CO 1-4015
- 805. Wilson Mechanical Instrument Div.
400 W. Madison St. (6)
Phone: AB 4-5642
- 806. Winter Brothers Co.
1144 Washington Blvd. (7)
Phone: CH 3-1815
- 807. Wire Machinery Inc.
5407 S. Knox Ave. (32)
Phone: PO 7-2500
- 808. Withers & Ropek
5439 W. Division St. (51)
Phone: AU 7292
- 809. Wood, L. P.
757 W. 79th St. (20)
Phone: AB 4-5642
- 810. Wood's Sons Co., T. B.
1500 S. Western Ave. (8)
Phone: MO 6-4513
- 811. Woodworkers Tool Works Inc.
222-224 S. Jefferson St. (6)
Phone: RA 6-8702
- 812. Wright Holst Div.
400 W. Madison (6)
Phone: CE 6-9324
- 813. Wyckoff Steel Co.
3200 S. Kedzie Ave. (23)
Phone: BI 7-6700
- 814. Yarlne & Co., Frank W.
20 N. Wacker Dr. (6)
Phone: ST 2-0347
- 815. Yoder Co., The
3114 Civic Opera Bldg. (6)
Phone: DE 2-0868
- 816. Zenith Tool & Supply Co.
7551 W. Addison (34)
Phone: MI 2-3513
- 817. Zitzewitz Engrg. Assoc.
700 N. Michigan Ave., Suite 505 (16)
Phone: MI 2-3513
- 818. Ziv Steel & Wire Co.
2945 W. Harrison St. (12)
Phone: KE 3-3809

CHICAGO HEIGHTS

- 819. Berry Bearing Co.
1200 Halsted St. (6)
Phone: SK 6-4255
- 820. Estrada, Raleigh
623 Saratoga Dr. (6)
Phone: SK 6-4255
- 821. Gibler, W. N.
191 Joyce Lane (6)
Phone: HA 7-0444
- 822. Pennsalt Chemicals Corp.
Phone: PU 5-0645
- 823. Quinn Welding Supply Center
2725 Chicago Rd. (6)
Phone: SK 4-1715

CHICAGO RIDGE

- 824. Electra Motors Inc.
10229 S. Ridgeland Ave. (6)
Phone: GA 3-4385

CICERO

- 825. Alkydol Lab. Div.
3242 S. 50th Ave. (50)
Phone: OL 2-7740
- 826. Industrial Pipe & Supply Co.
5100 W. 10th St. (50)

ILLINOIS

- 827. Noble Co. Inc., H. M.
4710 W. Cermak Rd. (50)
Phone: BI 2-2535
- 828. Optical Equip. Co.
2303 S. Laramie (50)
Phone: BI 2-2535
- 829. Tools & Abrasives Inc.
5123 W. 25th St. (50)
Phone: BI 2-2535

COAL VALLEY

- 830. Vascoloy-Ramet Corp.
R. R. 1, Box 40X
Phone: 2-1911

CRYSTAL LAKE

- 831. Lally, John R.
103 S. Walkup Ave. (52)
Phone: 521
- 832. Lewis, R. W.
1675 Lake Ave., Lakewood (52)
Phone: 1116
- 833. Wildauer, R.
733 S. Shore Dr. (52)
Phone: 2406

DANVILLE

- 834. Black & Co.
31 N. Hazel (52)
Phone: 5376
- 835. Conron Inc.
309 E. Van Buren St. (52)
Phone: 5376
- 836. Danville Industrial Supply Co.
35 N. Washington Ave. (52)
Phone: HI 6-0695
- 837. Depke Welding Supplies
628 E. Williams St. (52)
Phone: 815
- 838. Volght, Walter
31 Blamarck St. (52)

DECATUR

- 839. Black & Co.
125 E. North St. (52)
Phone: 5376
- 840. Common Equip. Co., R. E.
P. O. Box 1145 (52)
Phone: 8-0511
- 841. Crane Packing Co.
7 Ridge Dr. (52)
Phone: DE 8-8213
- 842. D & R Welding Supply Co.
736 E. Division St. (52)
Phone: 8-7775
- 843. Edwards & Roberts
240 E. Wabash Ave. (52)
Phone: 8-7775
- 844. Field & Shorb Co.
705 W. Pine (52)
Phone: 3-3471
- 845. Ill. Bearing Co.
2723 N. Main St. (52)
Phone: 3-3471
- 846. Jahr Co., W. J.
2560 E. William St. (52)
Phone: 9-2311
- 847. Long, Gale
305 Karen Dr. (52)
Phone: 7-2776
- 848. Midwest Tool & Supply Co.
1450 E. North St. (52)
Phone: 8-1613
- 849. Miller Industrial Supply Co.
2104 E. Locust St. (52)
Phone: 8-3474
- 850. Morehouse & Wells
805-825 N. Morgan St. (52)
Phone: 3-3425
- 851. Oakite Products Inc.
1428 N. Main St. (15)
Phone: 2-5041
- 852. Tru-Center Products Co.
P. O. Box 731 (52)
Phone: 9-1930

DEERFIELD

- 853. Designers for Industry Inc.
1175 Waukegan Rd. (52)
Phone: WI 5-2043

DE KALB

- 854. DeKalb Precision Industries
P. O. Box 254 (52)
Phone: 6-2061

DES PLAINES

- 855. DoAll Co. Inc., The
254 N. Laurel Ave. (52)
Phone: VA 4-1122

SALES OFFICES

ILLINOIS.

DES PLAINES (cont.)

836. General Box Co.
1825 Miner St.
Phone: VA 4-4181
837. Hannifin Corp.
501 S. Wolf Rd.
Phone: RO 3-4000
838. Landmark Inc., W. Q.
75-79 N. Broadway
Phone: VA 4-2764
839. Odgen Supply Corp.
1841 Busse Hwy.
Phone: VA 7-1171
840. Parker-Hannifin Industrial Sales Office
517D S. Wolf Rd.
Phone: VA 7-1171
841. Petersen, Carl
1364 5th Ave.
Phone: VA 4-9205
842. Postma, Willis C.
9108 Western Ave.
Phone: VA 7-4871
843. Suburban Industrial Supply
2777 Mannheim Rd.
Phone: VA 4-3434

DOWNS GROVE

844. DuPage Gage Inc.
Box 171
Phone: WO 8-5441
845. Laas Co., James H.
708 Grant St.
Phone: WO 8-3311
846. Midwest Technical Center
5512 S. Lyman Rd.
Box 61
Phone: WO 8-4343
847. Tipler Co., John S.
305 Ogden Ave.
Phone: WO 8-4343

EAST MOLINE

848. Casco Tool Co.
825 20th Ave.
Phone: 3-9534
849. Maars, Thomas
P. O. Box 323
Phone: IL 3-8543
850. Select Machine Sales Inc.
820 15th Ave.
Phone: MO 5-0071

EAST PEORIA

851. Oakite Products Inc.
2115 Bloomington Rd.
Phone: 9-1434
852. Spence Tool & Rubber Co.
Washington Rd.
Valley View Addition
P. O. Box 895
Phone: 4-6111

EAST ST. LOUIS

853. General Box Co.
1101 Converse Ave.
Phone: BR 1-6050
854. Neiman Bearings Co. of Ill.
812 Illinois Ave.
Phone: BR 1-6341

ELGIN

855. Chicago Rawhide Mfg. Co.
900 N. State St.
Phone: SH 2-7840
856. Elgin National Watch Co.
107 National St.
Phone: SH 2-3300
857. Hawkeye Specialty Co.
508 Country Lane
Phone: Woodland Heights
858. West Side Industrial Supply
13 N. State St.
Phone: SH 2-1155

ELMHURST

859. Ajax Electric Salt Bath Furnaces
P. O. Box 244
Phone: TE 2-7107
860. Bashforth, John E.
334 Huntington Lane
Phone: TE 4-4227
861. Continental Screw Co.
232 Indiana Ave.
Phone: BR 9-5530
862. Daugherty, E. W.
372 Cottage Hill

863. Mercury Supply Co.
410 Fairview Ave.
Phone: TE 4-4818

ELMWOOD PARK

864. Babcock, H. E.
2224 N. 77th Ave. (35)
Phone: GL 6-5620
865. Bryant Chucking Grinder
7702 W. North Ave.
Phone: GL 6-5620
866. Ex-Cell-O Machinery Sales Co.
7702 W. North Ave.
Phone: GL 6-5620
867. Threadwell Tap & Die Co.
7821 Westwood Dr. (35)
Phone: GL 6-6471

EUREKA

868. Kinson, E. F.
407 Burton Ave.
Phone: 319

EVANSTON

869. Bagby Engrg. Co.
1047 Forest St.
Box 171
Phone: BR 3-2273
870. Barnes Corp., John S.
1210 Chicago Ave.
Phone: UN 9-9313
871. Branco Sales
P. O. Box 162
Phone: BR 3-3636
872. Buehler Co., Adolph I.
2120 Greenwood St.
Phone: UN 4-3241
873. Davies, Wayne
1631 Ridge Ave.
Phone: UN 4-3241
874. Dunkelberger, R. A.
526 Michigan Ave.
Phone: ST 2-8121
875. Eeunen Co.
607 Howard St.
Phone: GR 5-6815
876. Hallinsey, Edward F.
966 Washington St.
Phone: GR 5-6862
877. Hoof Co., C. M.
2100 Greenleaf St.
Phone: UN 9-9049
878. Johnson, Gus
1419 Elmwood
Phone: UN 9-9049
879. Mersch, Jr., Robert E.
912 Main St.
Phone: UN 9-9049
880. Montgomery, David V.
2907 Hartzell St.
Phone: GR 5-6503
881. Vascology-Ramet Corp.
2335 Ridgeway
Phone: GR 5-6503
882. Wolnick Machinery Co., H. F.
721 Custer Ave.
Phone: UN 4-4646
883. Worthington, G. F.
1580 Sherman, Room 304
Phone: UN 4-3074

EVERGREEN PARK

884. Hodge, C. B.
2729 W. 96th St. (42)
Phone: GA 2-8182

FAIRFIELD

885. National Refining Co.
203 W. Main St.
Phone: 7686

FOREST PARK

886. Anderson Co., S. W.
314 Circle Ave.
Phone: FO 6-4970

FRANKLIN PARK

887. Amer. Optical Co.
10129 Pacific Ave.
Phone: GL 1-0680
888. Brunner & Lay Inc.
9300 King St.
Phone: GL 3-3232
889. Chucking Machine Products
3550 Birch St.
Phone: GL 1-1192
890. Cogswell & Co., Harry J.
9490 Franklin Ave.
Phone: NA 5-9030
891. Dumore Co., The
9801 Schiller Blvd.
Phone: GL 1-1645
892. Federal Mogul Div.
10013 W. Grand Ave.
Phone: GL 5-1250

913. Langdon Industrial Supply
11800 W. Franklin Ave.
Phone: GL 5-8900
914. Production Supplies Inc.
9490 Franklin Ave.
Phone: GL 5-8900
915. Yale & Towne Mfg. Co., The
9335 W. Belmont Ave.
Phone: GL 1-1810

FREEPORT

916. Northwestern Electric
130 E. Main

GALESBURG

917. Reynolds Metals Co.
741 N. Henderson St.
Phone: DI 3-5345

GENEVA

- 917A. George Agency, The
316 Campbell
Phone: GE 2237

GLEN ELLYN

918. Bassett, Robert L.
571 Riford Rd.
Phone: 4836
919. Jelinek Co., The
906 Elywood Dr.
Phone: 337W
- 919A. Jensen, Raymond E.
526 Crescent Blvd.
Phone: 1039
920. Standard Gage Co. Inc.
Professional Arts Bldg.
526 Crescent Blvd., Room 8
Phone: MO 5-1813
921. Wilton Tool Mfg. Co. Inc.
594 Elm St.
Phone: 5156

GLENVIEW

922. Electro Refractories & Abrasives
2010 Prairie St.
Phone: GL 4-0800

HIGHLAND PARK

923. Bachrach, Erwin
583 Audubon Pl.
Phone: ID 2-5822
924. Burkhardt Machinery Co.
1819 Clavey Rd.
Phone: ID 2-4244

HILLSDALE

925. Flexible Tubing Corp.
4242 Warren Ave.
Phone: LI 4-8850
926. Smith, Donald W.
79 La Verne Ave.
Phone: LI 4-9393

HINSDALE

927. Bachmann Co., The
P. O. Box 208
Phone: BI 2-1949
928. Corkery, Jr., H. H.
829 S. Vine

HOMESWOOD

929. Sauter, L. J.
1732 Pine Rd.
Phone: SY 8-0665

JOLIET

930. Barrett Hardware Co.
334 Henderson St.
Phone: SA 6-4341
931. Berry Bearing Co.
548 N. Chicago St.
Phone: JO 3-3446
932. Fjellman Amer. Inc.
105 Republic Ave.
P. O. Box 1205
933. Kack Electric Co.
201 N. Bluff St.
934. McLaughlin Mfg. Co.
801 E. Cass St.

KANKAKEE

935. Kankakee Industrial Supply
448 W. Station St.
Phone: 679 E. River
936. Krause, Walter W.
679 E. River
937. Lang & Sons, Paul
431-71 N. Harrison St.
938. Prattis Supplies Div. Inc.
100 W. Court St.

LA GRANGE

939. Chivas, N. J.
633 S. LaGrange Rd.
Phone: FL 2-9051
940. Eriez Mfg. Co.
633 S. LaGrange Rd.
Phone: FL 2-9050
941. Heppenstall
1 N. LaGrange Rd.
Phone: FL 4-5100
942. Heydenburg Co., R.
P. O. Box 233
Phone: FL 2-1672
943. Horton Electric
112 W. Calendar
Phone: FL 2-1672
944. Kearfott Div.
23 W. Calendar Ave.
Box 307
945. Schmidt Inc., Geo. T.
1016 Arlington Ave.
Phone: FL 4-2227
946. Townsend Co.
27 W. Calendar Ave.
Phone: FL 2-4380
947. Wheeler, Gordon
231 S. Spring Ave.
Phone: FL 2-8181

LAKE FOREST

948. Agazim, A. C.
575 E. Glenwood
949. Halliday, Dave
810 E. Illinois Rd.
Phone: 3753

LAKELAND

- 949A. Racine-Chicago Engrg. Corp.
15 S. Wolf Rd.
Phone: MU 1-1050

LA SALLE

950. Monarch Electric & Supply Co.
320-322 1st St.
Phone: 770

LEMONT

951. Ferrier, Eugene P.
19 Custer Ave.
Phone: CL 7-2384

LIBERTYVILLE

952. Cadoux, Felix
905 Oak Spring Rd.
Phone: LI 2-3776

LINCOLNWOOD

953. Schmidt Inc., Geo. T.
8855 Karlov Ave. (30)
Phone: OR 3-0796

LITCHFIELD

954. Brotherlin, R. H.
1234 N. Harrison St.
Phone: 743-L

LOMBARD

955. Sunner, James W.
219 E. Pleasant St.

LOVES PARK

956. Industrial Engrg. Sales Agency
905 Theodore
P. O. Box 7
Phone: TR 7-6727

LYONS

957. Russ-Cattell & Co.
8060 47th St.
Phone: HI 7-8304

MARION

958. Bearing Service Co. Inc.
111 S. Market St.
Phone: 184

MATTOON

959. Mattoon Hardware Co.
122 S. 17th St.

MAYWOOD

- 959A. Dale, Fred O.
1504 S. 1st Ave.
Phone: FI 4-6532
960. Flexonics Corp.
1315 S. 3rd Ave.
Phone: FI 2-800
961. Schmidt & Lehnen
P. O. Box 504

SALES OFFICES

962. Walker, Arthur A.
705 N. 2nd
Phone: FI 4-7610
963. Wall Colmonoy Corp.
911 1/2 S. 5th Ave.
Phone: MU 1-1085
964. Wickman Mfg. Co.
134 S. 5th Ave.
Phone: AU 7-9828

MELROSE PARK

965. Bristol Co. The
2940 W. Hawthorne Ave.
Phone: MU 1-1459
966. Carpenter Steel Co., The
4501 James Pl.
Phone: FI 5-5400
967. Diamond Blast Corp.
3118 W. North Ave.
Phone: FL 4-5174
968. Firth Sterling Inc.
3415 North Ave.
Phone: FI 4-5510
969. Graybar Electric Co. Inc.
2945 N. Cornell Ave.
Phone: MU 1-1085
970. Hewitt-Robins
1700 & Bloomingdale
Phone: ES 8-8844
971. Letrobe Steel Co.
2906 N. Hawthorne Ave.
Phone: FI 5-7340
972. Meyer-Ekstrom Co.
1975 N. Cornell Ave.
Phone: FI 4-5460
973. Milne & Co. Inc., A.
2909 N. Hawthorne Ave.
Phone: AU 7-5656
974. Mueller Bros. Bldg.
2055 N. 25th Ave.
Phone: NA 5-7390
975. Pulver Machine Supply
Co.
2906 N. 25th Ave.
Phone: GL 5-7285
976. Richardson Co., W. W.
964 Winston Dr.
Phone: MU 1-1459
977. SKF Industries Inc.
1800 N. 25th St.
Phone: MA 6-7435
978. Threadwell Tap & Die Co.
1511 Grant Ave.
Phone: FI 3-0714
979. Universal Cyclops Steel
Corp.
2080 N. 13th Ave.
Phone: MU 1-1140

MOLINE

980. Brainard & Co.
2324 4th Ave.
Phone: MO 4-4035
981. Bullard Co., The
2125 16th St.
Phone: MO 3-7565
982. Chain Belt Co.
1630 5th Ave.
P. O. Box 353
Phone: MO 4-2433
983. Christiansen Co., L. R.
Orchard Center
2396 37th St.
P. O. Box 267
Phone: MO 2-8886
984. Cleveland Trammell Sheldon
Co.
3422 1st Ave.
Phone: 4-1343
985. Collman, George W.
2965 13th Ave.
Phone: 4-0633
986. Dailey Co., A. E.
1567 16th Ave.
P. O. Box 396
Phone: MO 4-2473
987. Davis, R. H.
2325 27th St.
Phone: 4-6198
988. DeLeon Co., Harry D.
1907 7th Ave.
Phone: 2-4418
989. Ex-Cell-O Machinery Sales
5th Ave. Bldg., Room 707
Phone: 2-8011
990. Fafair Bearing Co., The
2201 5th Ave.
Phone: 2-7766
991. Heeren & Co., Marvin A.
1409 15th St.
Phone: MO 4-0021

992. Henderson Tool Co.
2320 14th Ave.
Phone: MO 4-2020
993. Jackson-Fotach Co.
2920 25th Ave. "A"
Phone: MO 2-4733
994. Johnson Tool Supply Co.,
Willard H.
1214 17th Ave.
Phone: MO 4-7111

995. Lawrence, R. B.
1630 5th Ave.
5th Ave. Bldg.
Phone: MO 2-2718
996. Lincoln Electric Co., The
215 43rd St.
Phone: MO 2-5583
997. Martens-Hodgkin Co.
5440 1st Ave.
Phone: 2-7533
998. Miller Fluid Power Div.
916 25th St.
Phone: MO 2-4282

999. Morse Chain Co.
1630 5th Ave.
Phone: MO 2-1654
1000. Neff, Kohlbusch & Bissell
Inc.
1710 11th St.
Phone: MO 2-5726

1001. New Departure Div. GMC
2294 41st St.
Phone: 2-7797
1002. Normoyle Co., John J.
607 3rd Ave.
Phone: 4-3416

1003. Peterson, W. E.
721 26th Ave.
P. O. Box 293
Phone: 4-5856
1004. Progressive Welder Sales
Co.
2628 13th Ave. Ct.
Phone: 2-2335

- 1004A. Reliance Electric & Engrg.
Co.
1630 5th Ave., Room 503
Phone: MO 4-0413
1005. Select Machine Sales Inc.
1710 11th St.
Phone: 2-7113

1006. Sterling Electric Motors Inc.
620 10th St.
Phone: 2-7113
1007. Sterling Products Co. Inc.
1524 3rd Ave.
Phone: MO 4-5656

1008. Vascoloy-Ramet Corp.
1711 17th St.
Phone: MO 4-4181
1009. Welding & Equip. Sales
1504 3rd Ave.
Phone: 4-2117

1010. Williams Co., Don E.
5402 4th Ave.
Phone: MO 4-2171

MONMOUTH

1011. Shaffer & Dierstein Inc.
211 N. Main St.
Phone: 108

MORTON GROVE

1012. Crane Packing Co.
6400 Oakton St.
Phone: OR 4-0100
1013. Sunnen Products Co.
3935 N. Bellefont Ave.
Phone: OR 4-2272

MOUNT PROSPECT

1014. Christiansen, Richard
P. O. Box 223
Phone: CL 3-4978
1015. Darnell Assoc., Larry
315 W. Prospect Ave.
Phone: BR 4-8210
1016. Sinclair Refining Co.
P. O. Box 263

MOUNT PULASKI

1017. Minnesota Tool Co.

MOUNT VERNON

1018. Amer. Pump & Supply Co.
1506 Broadway
Phone: R. F. D. 6
1019. De Laval Separator Co., The
R. F. D. 6
Phone: CH 4-1949

NAPERVILLE

1020. Davis, Harlan H.
1201 Lawnmeadow Lane
Phone: NA 1177

NILES

1021. Conklin, N. J.
7616 N. Oleander Dr. (31)
Phone: 7-8276

NORTHBROOK

1022. Syntech Rubber Corp.
1856 Walters Ave.
Phone: CR 2-2210

NORTH CHICAGO

1023. Amco Tools Inc.
Commonwealth Ave.

NORTHFIELD

1024. Muther, Ellis F.
283 Thackeray Lane
Phone: HI 6-7044

NORTHLAKE

1025. Fluid-Scope Inc.
15 S. Wolf Dr.
Phone: MU 1-1050

OAK FOREST

1026. Bennett, Richard
15007 Mission Ave.
Phone: FU 5-4491

OAK LAWN

1027. Eitzroth, J. M.
10512 S. Tripp St.
Phone: GA 4-6378

OAK PARK

1028. Aeroquip Corp.
1033 South Blvd.
Phone: VI 8-4214, VI 8-1337
1029. Ajax Magnethermic Corp.
6611 W. North Ave.
Phone: CO 1-7199

1030. Bausbach Machinery Co.
1037 Madison St.
Phone: ES 9-0210
1031. Barber-Colman Co.
6957 W. North Ave.
Phone: VI 8-3804

1032. Berry Bearing Co.
327 Madison St.
Phone: EU 6-1760
1033. Brett Machinery Co.
639 Madison St.
Phone: VI 8-1913

1034. Bullard Co., The
6645 W. North Ave.
Phone: EU 3-2950
1035. Cleveland Automatic Ma-
chine Co., The
6429 W. North Ave.
Phone: EU 6-8837

1036. Dean Electric
1013 Garfield
Phone: ES 9-5188
1037. Dvorak Machinery Co.
7001 W. North Ave.
Phone: ES 9-5188

1038. Easco Products
P. O. Box 108
Phone: EU 3-8064
1039. Fork Truck Leasing Inc.
719 South Blvd.
Phone: VI 8-1913

1040. Gardner Machine Co.
6525 W. North Ave.
Phone: AU 7-4708
1041. General Radio
6605 W. North Ave.
Phone: VI 8-0400

1042. Gisholt Machine Co.
6821 W. North Ave.
Phone: EU 3-8063
1043. Gordon & Mack & Assoc.
1105 Chicago Ave.
Phone: AU 7-7973

1044. Heald Machine Co.
6645 W. North Ave., Room
201
Phone: EU 3-1188
1045. Hume, Jr., John
204 S. Elmwood Ave.
Phone: EU 3-2308

1046. Johnson Co., Homer B.
6429 W. North Ave.
Phone: EA 8-4806
1047. Landis Machine Co.
6611 W. North Ave.
Phone: VI 8-2370

1048. Landis Tool Co.
6525 W. North Ave., Room
200
Phone: EU 3-0847

ILLINOIS

- 1048A. LeBlond Machine Tool Co.,
6429 W. North Ave.
Phone: TU 9-5561
1049. Monarch Machine Tool Co.
6624 W. North Ave.
Phone: EU 3-4350

1050. National Automatic Tool Co.
Inc.
6605 W. North Ave.
Phone: EU 6-5880, 6-5845
1051. Nice Ball Bearing Co.
721 South Blvd.
Phone: EU 3-4024

1052. Northwest Chemical Co.
P. O. Box 325
Phone: EU 3-0383
1053. Ohio Seamless Tube
6429 W. North Ave.
Phone: AU 7-4717

1054. Overstreet, John
213 N. Taylor Ave.
Phone: EU 3-3622
1055. Pangborn Corp.
840 S. Oak Park Ave.
Phone: EU 3-5720

1056. Polhemus-Miller Co.
321 Madison St.
Phone: VI 8-5150
1057. Regan Electric
1001 Madison
Phone: EU 3-5227

1058. Thompson, Earl P.
952 Pleasant St.
Phone: EU 3-5227
1059. Tidewater Supply Co. Inc.
6645 W. North Ave., Room
201
Phone: EU 3-1188

1060. Vascoloy-Ramet Corp.
309 N. Ridgeland Ave.
Phone: EU 6-4548
1061. Wales Strippit Inc.
408 W. Madison St.
Phone: VI 8-3800

1062. Warner & Swasey Co., The
6525 W. North Ave.
Phone: EU 3-5787
1063. Waterbury Farrel Foundry
& Machine Co.
6643 W. North Ave.
Phone: EU 6-5442

OTTAWA

1064. Summerill Tubing Co. Div.
123 E. Van Buren St.
Phone: HE 3-2800

PALATINE

1065. Burnham, Harry L.
544 Bennett Ave.
Phone: FL 8-3004
1066. Charles-Ross Co.
286 Marion St.
Phone: FL 8-0096

1067. Lind, Robert
451 Comfort Lane
Phone: FL 8-4438
1068. Schaefer, Fred
Hwy. 53 at U. S. 14
Phone: FL 8-2000

PALOS HEIGHTS

1069. Borschel, Donald E.
7336 W. Palos Ave.
Phone: GI 8-9641
1070. Egan, Harry E.
7443 W. 119th
Phone: GI 8-4372

PANA

1071. Pana Iron Store Co.
1-3 Olive St.
Phone: 1281

PARK FOREST

1072. Milham, Richard
100 Norwood Blvd.
Phone: FI 5-3996
1073. Remington Arms Co. Inc.
25008 S. Western Ave.
Phone: SK 6-4200

PARK RIDGE

1074. Butt, R. H.
724 Forestview
Phone: HA 7-0444
1075. Christman & Assoc., Paul J.
P. O. Box 507
Phone: TA 3-2033

SALES OFFICES

ILLINOIS

PARK RIDGE (cont.)

1076. Cook, Erwin
1507 Brophy Ave.
P. O. Box 487
Phone: TA 3-2359
1077. Hayes, J. F.
P. O. Box 299
Phone: TA 5-1388
1078. Hydraulic Press Mfg. Co.
911 Busse Hwy.
Phone: TA 3-3136
1079. Kuehl, Walter W.
700 S. Prospect
Phone: TA 3-7410
- 1079A. Petersen, Robert L.
1080 N. West Hwy.
Phone: TA 5-2419
1080. Surface Combustion
116 S. Prospect Ave.
Phone: TA 3-5118
1081. Zimmerman & Gaumond
Inc.
Pickwick Bldg.
3 S. Prospect
Phone: TA 3-5191

PEKIN

1082. McGarvey Inc.
354 Margaret St.
Phone: 6-3164

PEORIA

1083. Aljanich & Assoc.
2715 N. Wisconsin Ave.
Phone: PE 5-6957
1084. Allied Equip. Co.
P. O. Box 945
Phone: 4-5631
- 1084A. Allis-Chalmers
Commercial National
Bank Bldg.
Phone: 4-9279
1085. Aluminum Co. of America
725 Commercial Bank
Bldg.
Phone: 3-7445
1086. Bearing Headquarters Co.
1515 N. E. Adams St.
Phone: 3-8171
1087. Bellows-Valvair
First National Bank Bldg.
Phone: 6-5848
1088. Carpenter Co., H. W.
4916 N. Sheridan Rd. (S)
Phone: PE 5-8331
1089. Carrier Corp.
Lehmann Bldg., Room 1002
Phone: PE 3-9837
1090. Chicago Rawhide Mfg. Co.
911 Commercial Bank
Bldg.
Phone: PE 3-7458
1091. Cleveland Tramrail Haigh
Co.
P. O. Box 222 (1)
Phone: 5-3219
1092. Common Equip. Co., R. E.
1515 S. W. Washington St.
(2)
Phone: 6-8778
1093. Couch & Heyle Inc.
1016 S. Adams St. (2)
Phone: 4-3101
1094. Cutler-Hammer Inc.
Commercial National
Bank Bldg. Rm. 213
301 S. Adams St.
Phone: PE 4-4131
1095. Dunsmore & Appanaitis
2210 N. Knoxville Ave.
Phone: 2-1953
1096. Ex-Cell-O Machinery Sales
Co.
211 Commercial National
Bank Bldg. (2)
Phone: 4-4606
1097. Foremost Electric & Trans-
mission Inc.
918 SW. Adams St.
Phone: 6-1371
1098. General Electric Co.
2008 NE. Perry Ave. (2)
Phone: 6-1371
1099. Haigh & Sons, Mason W.
3121 N. Adams St. (1)
P. O. Box 222
1100. Hobart Welder Sales &
Service
3516 N. Adams St.
1101. Himelblau, Byfield & Co.
1042 Jefferson Bldg.
Phone: 4-1516

1102. Ill. Bearing Co.
210 E. State St.
Phone: 4-3106
1103. Ill. Machinery Co.
Mt. Holly Airport Rd.
Phone: 8-4433
1104. Kellogg, Warren
214 Melalk Ct., Route 4
Phone: PE 8-2375
1105. Lincoln Electric Co., The
214 W. 2nd Ave. (6)
Phone: 4-3154
1106. McCubbins, John M.
423 First National Bank
Bldg. (2)
1107. Mechanical Rubber &
Supply Co.
100 Walnut St. (2)
Phone: 3-5118
1108. Meyer & Brothers Co., F.
1312 SW. Jefferson Ave.
Phone: 4-7144
1109. Moore, A. W.
2710 S. Adams St.
1110. Motsett Inc., W. J.
600 W. Main St. (2)
Phone: PH 4-8111
1111. National Refining Co.
2800 S. Adams St.
Phone: 4-0014
1112. National Refining Co.
1412 W. Gift St.
Phone: PE 8-4965
1113. Oakite Products Inc.
1033 E. Behrends
Phone: 8-5621
1114. Ring Bearing Co., Ray M.
1515 N. Adams St. (2)
Phone: 3-8171
1115. Sanders & Lumberry Inc.
1821-1825 W. Garden St.
Phone: 7-5325
1116. Snap-on Tools Corp.
1746 N. Sheridan Rd.
Phone: 5-2461
1117. Spence Tool & Rubber Co.
1530 N. Adams St.
P. O. Box 895
Phone: 3-2905
1118. Standard Industrial
Products
920 N. Garfield Ave.
1119. Transmission Supply Co.
826 N. Knoxville
Phone: 3-3666
1120. Vanderipe & Assoc., W. D.
939 Schmidt Ave.
Phone: 4-3531
1121. Varro Distributing Co.
818 S. Adams St.
1122. Voss Service & Sales Co.
1812 N. California Ave.
(2)
P. O. Box 972
1123. Walker Hardware Co., Isaac
Oak & Washington Sts. (1)
1124. Western Tool & Abrasive Co.
604 S. Western Ave.

PRINCETON

1125. Fager, A. W.
221 N. Chestnut
Phone: 3-0581
1126. Rogan, Andrew
R. F. D. 5
Phone: 3-8080

PROSPECT HEIGHTS

1127. Milford, E. L.
P. O. Box 242
Phone: CL 3-3827

QUINCY

1128. Gardner-Denver Co.
S. Front St.
Phone: BA 2-5400
1129. Heintz Electric Co.
817 State St.
Phone: BA 2-0113
1130. James Supply Co.
905-937 Maine St.
Phone: BA 3-3866
1131. Merkel Brothers Hardware
Co.
1711 Broadway

RIVER FOREST

1132. Pettitt Co. Inc., George
349 Ashland Ave.
Phone: CO 1-0342
1133. Wesson Co.
7371½ W. North Ave.
Phone: PR 1-8250

RIVERSIDE

1134. Tool Service for Industry
P. O. Box 186
Phone: RI 7-7668

ROCKFORD

1135. Allegheny Ludlum Steel
Corp.
2510 Harris Rd.
Box 861
Phone: TR 7-3772
1136. Allen-Bradley Co.
1013 Broadway
Phone: WO 5-8795
- 1136A. Allis-Chalmers
303 N. Main St.
Phone: WO 5-0664
1137. Allis Co., The Louis
209 7th Ave., Room 205
Phone: WO 2-3783
1138. Barber-Colman Co.
1300 Rock St.
Phone: WO 4-6833
1139. Barker-Rockford Co.
110 Cedar St.
Phone: 7-0660
1140. Bearing Headquarters Co.
1125 Railroad Ave.
Phone: WO 5-0629
1141. Behr Machinery & Equip.
Corp.
1100 Seminary St.
Phone: WO 2-7721
1142. Bellows-Valvair
130 S. 2nd St.
Phone: WO 4-6531
1143. Berry Bearing Co. Inc.
710 Broadway
Phone: 2-5561
1144. Bloom Co., W. C.
1063 Jefferson St.
Phone: WO 3-6514
1145. Bridgeport Brass Co.
401 E. State St.
Phone: WO 2-5589
1146. Burns, William J.
709 Mulberry St.
Phone: WO 3-7135
1147. Catching Engrg. Co.
P. O. Box 1621
Phone: TR 5-1931
1148. Central Industrial Supply
1406 20th St.
Phone: WO 8-6226
1149. Charles-Ross Co.
Central National Bank
Bldg.
Phone: WO 3-4151
1150. Crucible Steel Co.
2500 N. Main St.
Phone: RO 5-8695
1151. Cutler-Hammer Inc.
1404 N. Main St.
Phone: WO 5-9469
1152. DoALL Rockford Co.
6th St. & 3rd Ave.
Phone: WO 4-7848
1153. Du-All Deburring Co.
1112 22nd St.
1154. Ekstrom Co., The
110 S. 1st St.
Phone: WO 2-7825
1155. Elgin National Watch Co.
117 S. Wyman St.
Phone: WO 2-2814
1156. Essley Machinery Co., The
E. L.
519 James Ave.
Phone: RO 5-2250
1157. Factory Supplies Co.
1417 Broadway
Phone: WO 4-6731
1158. Fincham Industrial Co.
1001 Broadway
1159. Floody, Roger L.
Box 1621
Phone: 6-1931
1160. Foley, J. H.
821 Lundvall
Phone: WO 2-4817
1161. General Electric Co.
4223 E. State
1162. Geraghty Industrial Equip.
Inc.
213 N. 4th St.
Phone: WO 3-5721
1163. Gill & Co., Tom
608 Garfield Ave.
Phone: WO 2-9733
1164. Grimstad Co., J. M.
1404 N. Main St.
Phone: WO 5-0141
1165. Gustafson Co., Eric
417 S. Winnebago St.
Phone: WO 2-0406
1166. Harris & Co., Samuel
330 Cedar St.
Phone: WO 2-0406
1167. Heeren & Co., Marvin A.
1734 Harlem Blvd.
Phone: WO 2-3323
1168. Heim's Machinists Supply
Co.
1523 Broadway
Phone: 2-7705
1169. Hill Tool & Supply Co. Inc.
716-18 W. Jefferson St.
Phone: WO 2-3701
1170. Himelblau, Byfield & Co.
425 E. State St.
Phone: 5-6393
1171. Holmin, R. B.
1111 Samuelson Rd.
Phone: WO 4-8611
1172. Hydro-Line Mfg. Co.
5690 Pike Rd.
Phone: TR 7-5758
1173. Industrial Cutter Service
1708 Magnolia
Phone: WO 3-2633
1174. Ipsen Industries Inc.
715 S. Main St.
Phone: WO 5-9581
1175. Janco Industrial
117 S. Wyman St.
Phone: 8-2813
1176. Johnson, Earl
1161 24th St.
1177. Jonco Tool Specialties
1116 24th St.
Phone: WO 2-3458
1178. Lamps Elevator Sales &
Service
3103 Wallin Ave.
P. O. Box 807
Phone: WO 5-0626
1179. Machinists Tool Co.
111 N. 6th St.
Phone: WO 2-8617
1180. Mattison Machine Works
Kishwaukee Ave.
Phone: RO 3-5521
1181. Mid-States Industrial Corp.
2401 11th St.
Phone: WO 2-8841
1182. Midwest Hydraulics Inc.
110 Cedar St.
Phone: RO 3-6419
1183. Miller Fluid Power Div.
4712 Cayuga Rd.
Phone: TR 7-1308
1184. Mott Brothers Co.
907 S. Main St.
Phone: 2-3711
1185. Muehlemaier Heat Treating
Co., O. T.
1531 Preston St.
Phone: WO 4-7633
1186. Nagus, Jack
117 S. Wyman St.
Phone: WO 8-2814
1187. Nelson & Storm Tool Supply
Co.
2308 11th St.
Phone: WO 5-0574
1188. Nordell, Alvin
126 Hilton
Phone: WO 8-1348
1189. Norman Engrg. Co.
2500 N. Main St.
Phone: WO 5-0385
1190. Oakite Products Inc.
2903 Spring Creek Rd.
Phone: TR 7-8725
1191. Oberg, John T.
223 Vale Ave., S.
Phone: WO 3-3728
1192. Oilgear Co., The
1404 N. Main St.
Phone: WO 8-2855
1193. Paulson & Co., Carl E.
815 Broadway
Phone: WO 3-7609
1194. Precision Industrial Tools
126 Hilton Ave.
1195. Production Tool & Supply
Co.
Phone: RO 4-3843
- 1195A. Reliance Electric & Engrg.
Co.
2125 Broadway
Phone: WO 3-7649

SALES OFFICES

ROCKFORD (cont.)

- 1196. Ring Co. Inc., Ray M.
1919 Harrison St.
Phone: WO 5-0628
- 1197. Rockford Amer. Machinery
Sales
2506 N. Main St.
Phone: WO 5-4300
- 1198. Rockford Industrial Steel
Service
2229 23rd Ave.
Phone: WO 3-5463
- 1199. Rockford Industrial Supply
Co.
726 Market St.
Phone: WO 2-6658
- 1200. Rockford Tool & Transmis-
sion Co.
802 Broadway
Phone: WO 2-7711
- 1201. Ryerson & Son Inc.
425 E. State St.
Phone: WO 4-5679
- 1202. Schrock, Merritt R.
1012 Grant Ave.
Phone: WO 5-2907
- 1203. Shestone, C. M.
5105 Highcrest Rd.
Phone: 6-1653
- 1204. Soper Co., Cliff
818 N. Court St.
Box 208
Phone: WO 4-1549
- 1205. Standard Machinist Supply
247 15th Ave.
Phone: WO 5-0595
- 1206. Stockman, A. J.
1111 Samuelson Rd.
Phone: WO 4-8611
- 1207. Storey Tool Sales Co.
Gas & Electric Bldg.
Phone: WO 3-3931
- 1208. Twin Disc Clutch Co.
1510 Preston St.
Phone: WO 4-5664
- 1209. Vickers Inc.
703 Gas & Electric Bldg.
363 N. Main St.
Phone: WO 2-0615
- 1210. Welders Supply Co.
606 Broadway
Phone: WO 4-9483
- 1211. Whybark Co. Inc., L. O.
1615 Kilburn Ave.
Phone: WO 8-9801
- 1212. Wing, Jr., John E.
1045 Franklin Pl.
Phone: WO 5-8634
- 1213. Zimmerman Electric
4223 E. State

ROCK ISLAND

- 1214. Anderson, A. H.
P. O. Box 15
Phone: 6-7534
- 1215. Barber-Colman Co.
1800 3rd Ave.
Phone: 6-8600
- 1216. Berg Co., Jack F.
1706 25th St.
P. O. Box 651A
Phone: RO 8-1916
- 1217. Bliss & Laughlin Inc.
P. O. Box 742
Phone: DA 7-5143
- 1218. Dyer, Delbert L.
923 20th St.
Phone: RO 6-7961
- 1219. Easley Machinery Co., E. L.
2115 39th St.
Phone: RI 8-7421
- 1220. Gisholt Machine Co.
22 Watch Hill Rd.
Phone: RO 8-7421
- 1221. Kelsey, H. C.
2414 29th Ave.
Phone: 8-6247
- 1222. Ken-Dick Corp.
725 20th St.
P. O. Box 368
Phone: RO 8-0461
- 1223. Lund & Assoc., Russell E.
514 Cleveland Bldg.
Phone: 8-4434
- 1224. M & H Engrg. Inc.
P. O. Box 273
Phone: RO 8-1511
- 1225. Marshall & Huchart Ma-
chinery Co.
P. O. Box 233
Phone: RO 6-3271

- 1226. Midland Cutting Tools Co.
2219 3rd Ave.
Phone: 8-1944 and 8-2103
- 1227. Midland Truck & Equip. Inc.
2219 3rd Ave.
Phone: 8-8235
- 1228. Pangborn Corp.
2223 24th St.
Phone: RO 8-3495
- 1229. Phillips, John
1834 23rd St.
- 1230. Plant Equip. Co.
2509 5th Ave.
Phone: RO 6-3369
- 1231. R & R Welding Supply Co.
2925 5th Ave.
Phone: 6-4316
- 1232. Ryerson & Son Inc., Jos. T.
244 First National Bank
Bldg.
Phone: RO 6-2627
- 1233. Strane & Sanford Co.
P. O. Box 815
Phone: RO 6-7554
- 1234. Strohbehn, E. W.
2831 34th St.
Phone: 6-8526
- 1235. Transmission Supply Co.
1514 7th Ave.
Phone: RO 8-5666
- 1236. Ziel Supply Co.
1713 29½ St.

ROSCOE

- 1237. Lovejoy & Assoc., A. C.
P. O. Box 7
Phone: RO 3-4841

ROSELLE

- 1238. Chochron, Nicholas
109 Des Plaines Lane
Phone: TW 4-6729
- 1239. Curtiss-Wright Corp.
416 E. Bryn Mawr Ave.
Phone: LA 9-2132
- 1240. Grove Sales Co.
P. O. Box 275
Phone: LA 9-5027
- 1241. Sisson Sales Co., D. L.
Box 226
Phone: LA 9-3131
- 1242. Wiers, John
101 Bradley Lane

ROSEMONT

- 1243. Suburban Industrial Supply
Co.
9650 W. Cora Ave.
Phone: GL 5-5250

SCHILLER PARK

- 1244. Crafts Co. Inc., Arthur A.
10340 W. Berteau Ave.
Phone: GL 1-0650
- 1245. Proto Tool Co.
P. O. Box 87
Phone: GL 5-0500

SKOKIE

- 1246. Alkon Products Corp.
9013 LaCrosse Ave.
Phone: OR 3-0031
- 1247. Baldor Electric Co.
3740 Dempster St.
Phone: IN 3-3858
- 1248. Berry Bearing Co.
4438 Oakton St.
Phone: OR 4-6600
- 1249. General Controls Co.
8080 McCormick Blvd.
Phone: IR 8-2323
- 1250. Greer Hydraulics Inc.
7331 N. Ridgeway St.
Phone: OR 5-2693
- 1251. Hughes Co., Ray A.
7551 Laverne Ave.
Phone: OR 5-6929
- 1252. Imperial Stamp & Engrav-
ing Co.
8258 N. Christiana
Phone: OR 4-2323
- 1253. Lindquist, W. G.
4940 Coyle Ave.
Phone: OR 3-7918
- 1254. MacMillin Hydraulic Engrg.
Co.
P. O. Box 1002
- 1255. Mar-Ell Tool Supply Co.
2656 Oakton St.
Phone: CO 7-1188, OR 3-
3430

- 1256. Midwest Industrial Truck
Inc.
8124 N. Lawndale Ave.
Phone: IR 8-7090
- 1257. Miller, William C.
5037 Harvard
Phone: OR 5-3095
- 1258. Nylok Corp., The
8046 Central Park Ave.
Phone: OR 4-0680

SPRINGFIELD

- 1259. Black & Co.
314 E. Adams
Phone: LA 3-0622
- 1260. Callahan Engrg. Co., R. J.
720 S. Park
P. O. Box 1655
Phone: LA 3-3441
- 1261. Detrex Chemical Industries
Inc.
P. O. Box 1116
Phone: LA 3-0622
- 1262. General Electric Co.
607 E. Adams St.
- 1263. James Machinery Co. Inc.
130 W. Jefferson St.
Phone: 2-9115
- 1264. Kloppenburg & Son, H. M.
6 Circle Dr.
Phone: LA 9-2323
- 1265. Richardson Mfg. Co.
Washington Park Gardens
Phone: LA 8-8499
- 1266. Schlitt Supply Co.
1010 E. Adams St.
P. O. Box 487
Phone: 8-4338
- 1267. Schroeder, H. W.
2033 N. 7th St.
Phone: SP 2-4222
- 1268. Screw Machine Supply Co.
2441 S. 9th St.
Phone: 3-4276
- 1269. Sinclair Refining Co.
607 E. Adams St.
P. O. Box 1240
- 1270. Wands Sales Co.
1533 W. Adams
Phone: 2-6139

STONE PARK

- 1271. Fluskey Co., R. E.
3811 W. Lake St.
Phone: FI 4-6067

STREATOR

- 1272. D & R Welding Supply Co.
717 E. Main St.
- 1273. Streator Engine Parts Co.
204 W. Main St.
- 1274. Streator Industrial Supply

SYCAMORE

- 1275. Micromatic Hone Corp.
202 Lucas St.
Phone: SY 2131

THORNTON

- 1276. PK Engrg. & Mfg. Co.
400 E. Margaret St.

VILLA PARK

- 1277. Bombenger, James P.
437 S. Harvard Ave.
Phone: TE 4-5250
- 1278. "POP" Rivet Div.
20 E. St. Charles Rd.
Phone: TE 4-8614
- 1279. Rasmussen, Russell E.
127 E. Van Buren St.

WARRENVILLE

- 1280. Vascoloy-Ramet Corp.
Box 773
Phone: EX 3-6621

WAUKEGAN

- 1281. Amer. Steel & Wire Div.
- 1282. Bearing Headquarters Co.
107 Greenwood Ave.
Phone: MA 3-5212
- 1283. Berry Bearing Co.
323 S. Lewis Ave.
Phone: MA 3-8770
- 1284. Caldwell Mill Supplies Inc.
105 Greenwood Ave.
Phone: DE 8-9326
- 1285. Harris & Co., Samuel
1720 Grand Ave.
Phone: ON 2-0372
- 1286. Ring Co. Inc., Ray M.
109 Greenwood Ave.

ILLINOIS

- 1287. Schreckengost, Melvin A.
2112 Harding Ave.
Phone: CH 4-1628
- 1288. Vascoloy-Ramet Corp.
800 Market St.
Phone: ON 2-5220
- 1289. Waukegan Quality Tool
Works Inc.
322 S. Elmwood Ave.

WESTCHESTER

- 1290. Chemray Corp.
10150 Roosevelt Rd.
Phone: FI 4-2400
- 1291. Grinstead, George D.
11140 Windsor Dr.
Phone: FI 5-2338
- 1292. Larkins, Maynard J.
1641 Stratford
Phone: FI 4-0985
- 1293. Vascoloy-Ramet Corp.
1138 S. Suffolk Ave.
Phone: FI 3-5328

WEST CHICAGO

- 1294. Hoffman, Warren
770 Ingaton Ave.
Phone: 1767
- 1295. Ireland Tool Sales Co.
136 W. Washington St.
Phone: 1094

WEST FRANKFORT

- 1296. West Frankfort Machine
Tool Co.
1511 W. Main St.
Phone: 1296.
- 1297. Williamson Co., H. B.
101 E. Poplar St.
Phone: 655

WESTERN SPRINGS

- 1298. Reutzel, Donald
4620 Johnson Ave.
Phone: CH 6-3074

WHEATON

- 1299. Bell, Arthur R.
303 Seminole Lane
Village of Carol Streams
Phone: MO 5-1777
- 1300. Burton, Blake
1814 E. Indiana
Phone: MO 8-7862
- 1301. Chedister, W. C.
7 Circle Ave.
Phone: WH 8-5096
- 1302. Elgin National Watch Co.
423 Kipling Ct.
Phone: MO 8-2397
- 1303. Johnson, Paul E.
1032 College Ave.
Phone: MO 8-8846
- 1304. Lutz Co., W. H.
130 W. Liberty Dr., Suite
207
Phone: MO 8-9662
- 1305. Wright, G. A.
519 W. Harrison Ave.

WHEELING

- 1306. Hagerstrom Metalcraft

WILMETTE

- 1307. Calhoun, David K.
120 3rd St.
Phone: AL 1-5596
- 1308. Fluid Drive Engrg. Co.
313 Hibbard Rd.
Phone: AL 1-5410
- 1309. Motion Control Co.
417 Linden Ave.
Phone: AL 1-8770
- 1310. Precision Grinding Wheel
Co. Inc.
417 Linden Ave.
Phone: AL 6-0499

WINNETKA

- 1311. Locke, Jr., John H.
841 Foxdale Ave.
Phone: HI 6-4445

WORTH

- 1312. Airetool Mfg. Co., The
7357 W. 109th St.
Phone: GI 8-8568
- 1313. Hoswell Inc., James E.
11232 Lawler St.
Phone: GA 4-0217

SALES OFFICES

INDIANA

ANDERSON

1. Barnes Co., A. O.
621 John St.
P. O. Box 1037
Phone: 3-5364 or 3-5365
2. DeVlieg, R. J.
P. O. Box 12
Phone: 3-8945
3. Ellison, S. E.
909 N. Madison Ave.
P. O. Box 362
Phone: AN 6908
4. Learner, Don
P. O. Box 246
Phone: 3-4240

ANGOLA

5. Law Instrument Co.
P. O. Box 95
Phone: AN 217

AUBURN

6. Buttermore, Jay E.
219 N. Baxter St.
7. Mullen & Kempf
P. O. Box 430
Phone: 122

BLOOMINGTON

8. Seward & Co.
408 W. 8th St.

CLERMONT

9. Sinclair Refining Co.
County Line Rd.
P. O. Box 136

COLUMBIA CITY

10. Rigby, Richard K.
R. R. #4
Phone: OX 1-4693

COLUMBUS

11. Quality Mill Supply Co. Inc.
2345 Beam St.
Phone: DR 9-9588

DANVILLE

12. Piche, G. W.
Box 259
R. F. D. #3, Mill St.
Phone: SH 5-5068

EAST CHICAGO

13. Bearing Headquarters Co.
3481 Michigan Ave.
Phone: EK 7-8020
14. Chicago Flame Hardening Co.
420 E. 151st St.
Phone: EK 7-6475,
SO 8-2303
15. Ring Co. Inc., Ray M.
3481 Michigan Ave.

ELKHART

16. Borneman Industrial Supply
124-128 E. High St.
Phone: JA 2-9775
17. Ernest, Holdeman & Collet Inc.
820 N. Ward St.
Phone: JA 3-5310
18. Keggerreis Supply Inc., C. S.
510 S. 2nd St.
Phone: EL 3-1740
19. Klem Supply Inc.
219 N. 2nd St.
Phone: JA 2-7497
20. Miller Steel & Supply Co. Inc.
920 N. Plum St.
Phone: 2-2225
21. Niblock Machinery Inc.
1002 Johnson St.
Phone: 3-1408
22. Tillis Mfg. Co.
P. O. Box 59

EVANSVILLE

23. Allis-Chalmers
329 Main St. (9)
Phone: HA 4-8219
24. Aluminum Co. of America
207 Kinkel Bldg. (8)
25. Bearings Service Co.
1607 S. Kentucky Ave.
(13)
Phone: HA 5-9095
26. Bellows-Valvair
113 NW. 5th St. (8)
Phone: HA 4-2971

27. Belmont Equip. Co. Inc.
315 E. Illinois St. (7)
Phone: HA 3-0326
28. Black Equip. Co. Inc.
900 Maxwell Ave. (7)
Phone: HA 5-6276
29. Boland, James
234 N. Rotherwood
Phone: HA 2-2526
30. Brake Supply Co. Inc.
700 Sycamore St. (8)
Phone: HA 5-3101
31. Brown & Hubert Inc.
306 N. 7th Ave.
Phone: HA 5-9049
32. Evansville Auto Parts Inc.
201 NW. Riverside Dr.
33. Evansville Supply Co.
ESCO Bldg., 800 Block
Pennsylvania St. (8)
Phone: HA 4-7541
34. General Electric Co.
P. O. Box 157
312 NW. 7th St. (5)
35. Goad, Orvel
1701 E. Columbia St. (1)
Phone: GR 6-1395
36. Hast, Lawrence B.
2742 Hartmetz Ave. (12)
Phone: HA 4-7403
37. Hoprich Co., The
1005 N. Governor St.
38. Housh Industrial Supplies Inc.
30 Main St. (8)
Phone: HA 3-3732
39. Loewen Tool Sales
1102 E. Morgan Ave. (11)
Phone: HA 5-2129
40. Mark-Matt Engrg. Co.
P. O. Box 3044
2323 W. Maryland
41. Neff Engrg. Co.
2509 Washington Ave.
Phone: GR 7-4141
42. Oakite Products Inc.
915 Main St. (8)
Phone: HA 5-8201 & 8202
43. Ohio Valley Hardware Co. Inc.
1300 Pennsylvania Expressway, W. (2)
44. Orr Iron Co. Inc.
1100 Pennsylvania St. (6)
Phone: HA 5-5111
45. Rosborough, Milas
1213 S. Burkhardt Rd. (15)
46. Sanders Supply Co.
40 W. Franklin St.
47. Shouse-Brill Machinery Co.
521 Court Bldg. (8)
Phone: 5-2601
48. Stippler Tool & Supply Inc.
816 N. 9th Ave. (7)
Phone: HA 5-3518
49. Tri-State Tool & Saw Service
412 N. Weinbach Ave.

FORT WAYNE

50. Allen-Bradley Co.
2212 S. Calhoun St.
Phone: KE 7068
51. Allen Steel & Supply Co. Inc.
5005 New Haven Ave.
Phone: EA 4454
52. Aluminum Co. of America
930 Lincoln Bank Tower
53. B & M Materials Handling Equip. Co.
P. O. Box 956
Phone: EA 2107
54. Bearings Inc.
432 Pearl St.
Box 120
Phone: AN 7191
55. Beeler, R. L.
2609 Broadway
P. O. Box 1176
Phone: HA 0436
56. Bellows-Valvair
3824 S. Calhoun St.
Phone: HA 4110
57. Burgan, Frank
Box 2501 - Station C
504 1/2 Kinsmoor Ave.
Phone: KE 2081
58. Cashman, Dan
Box 2091, Station "A"
Phone: KE 2876
59. Cleveland Tramrail Ft. Wayne Co.
3217 U. S. 30 E.
Phone: EA 4662
60. Conn, Bowen
229 E. Berry
Phone: EA 1409
61. Cutting Tools Inc.
2212 Wayne Trace
Phone: AN 7387
62. Desautels Co., George O.
3609 Broadway
P. O. Box 1176
Phone: HA 0436
63. Detrex Chemical Industries Inc.
418 E. Berry St.
Phone: EA 5616
64. DeVilbiss Co., The
2609 Broadway
Phone: HA 8060
65. Druhot, R. J.
P. O. Box 2496 (6)
Phone: HA 1431
66. Elco Tool Co.
P. O. Box 94
1515 Wells St.
Phone: AN 5133
67. Fort Wayne Pipe & Supply Co.
1815 S. Anthony Blvd.
Phone: AN 3441
68. Garrett Machinery Co., C. C.
1624 Hinton Dr.
Phone: EA 3495
69. General Electric Co.
3606 S. Calhoun St. (6)
70. Graphic Engrg. & Sales Inc.
811 E. Pontiac St.
Phone: HA 1358
71. Hoosier Solvents & Chemicals Corp.
Nelson Rd.
72. Huber Co., Paul C.
3422 S. Calhoun St.
Phone: KE 4600
73. Kippax, Robert F.
6605 Monterey Dr.
74. Laden Tool Sales Co.
P. O. Box 636
75. Lincoln-Graphic Corp.
715 Clay St.
Phone: AN 2484
76. Lomont, C. J.
919 W. Creighton Ave.
Phone: KE 1862
77. Mansfield Materials Handling Co.
3308 Rosewood Dr.
Phone: KE 9040
78. Materials Handling Equip. Corp. of Fort Wayne
P. O. Box 746
3217 Lincoln Hwy. (4)
Phone: EA 4662
79. Maumee Weldments Co.
Meyer & Moeller Rds., R. 7
80. Mossman-Evans Co.
511 W. DeWald St. (6)
Phone: HA 2202-2203
81. Morrison, George M.
3206 Senate Ave.
82. Mossman-Yarnelle Co.
Pearl St. & Maiden Lane
83. National Mill Supply Co.
207 E. Columbia St. (2)
Phone: AN 2331
84. National Refining Co.
414 E. Columbia St.
Phone: EA 8131
85. Neff Engrg. Co.
Station "A", P. O. Box 3065
2339 Crescent Ave. (3)
Phone: EA 7391
86. Noble Machinery Co.
924 Hayden St.
87. Oakite Products Inc.
P. O. Box 2028
Phone: TR 3-1907
88. Oatis Machinery Co.
4015 Indian Hills Dr.
Phone: KE 3300
89. Oren-Van Aman Co. Inc.
235 E. California Rd.
Box 2698 Station "D"
Phone: KE 4961
90. Pennycoff, W. S.
7301 Capri
P. O. Box 2886
Phone: SH 2605

FORT WAYNE (con't)

91. Schlatter Hardware Co. Inc.
601 S. Clinton St.
Phone: AN 8-3111
92. Scott Equip. Co.
418 E. Berry St.
Phone: AN 1151
93. Shank, Oliver H.
3717 Highland Dr.
R. R. #14
Phone: HA 5-8163
94. Sheffield Ind. Sales
418 E. Berry St.
Phone: EA 5371
95. Sippel Equip. Co. Inc.
116 W. Leith St.
96. Spaulding Fibre Co. Inc.
2301 Fairfield Ave. (6)
Phone: HA 3228
97. Sun Oil Co.
U. S. Route 24 E.
Phone: HU 4010
98. Sutton-Garten Co.
4841 Industrial Dr.
Phone: TR 1118
99. TEC Engrg. Corp.
219 E. Berry St.
Phone: AN 3370
100. Thompson Co., R. H.
2109 St. Joe Blvd.
Phone: EA 2643
101. Thurnhoffer, William
4648 Parkersdale Dr.
Phone: AN 0271
102. Tools & Abrasives Inc.
1510 - 12 Oxford St.
Phone: HA 3254
103. Trans-Power Inc.
1234 Wells St.
Phone: EA 4784
104. Tyner Tool Service Inc.
2230 Holton Ave. (5)
Phone: HA 2294
105. Wayne Rubber & Hydraulics
217 E. Superior St.
Phone: EA 4643
106. Wayne Welding Supply Inc.
513 E. Wayne St. (2)
107. Winter & Assoc., J. O.
2609 Broadway
Phone: KE 5408

GARY

108. Berry Bearing Co. Inc.
716 E. 5th Ave.
Phone: TU 5-7501
109. Calumet Welders Supply Inc.
1122 Virginia St.
Phone: GA 2-9300
110. Clark Controller Co., The
823 Gary National Bank Bldg.
504 Broadway
Phone: TU 2-1515
111. Dunes Electric
3421 Broadway
112. Leighton Co., Harry W.
8524 Locust (5)
Phone: YE 8-1004
- 112A. Reliance Electric & Engrg. Co.
Gary National Bank Bldg.
504 Broadway
Phone: TU 6-1460

GOSHEN

113. Abrasive Recoating Corp.
914 N. 3rd St.
114. Huber Co., Paul C.
122 Crescent St.
P. O. Box 484
Phone: 5-8508
115. National Refining Co.
Cottage & Lincoln Ave.
Phone: KE 3-7560
116. Specialized Mill Supplies

GREENFIELD

117. Applegate, Harry W.
R. #6, Spring Lake
Phone: HO 2-5737
118. Duncan, William M.
410 W. North St.
Phone: HO 2-4626
119. Manor, Larry
P. O. Box #278
Phone: HO 2-4787
120. Strange, Ivan
33 Tyler Ave.
P. O. Box 247
Phone: HO 2-3223

HAMMOND

121. Berry Bearing Co.
4828-32 Calumet Ave.
Phone: WE 1-3010
122. Electric Supply Corp.
4511 Calumet Ave.
Phone: SA 1-1300,
WE 2-8840
123. Fuller Brush Co., The
5047 Columbia Ave.
Phone: WE 2-7424
124. Garner, Thomas S.
428 Florence St.
Phone: WE 2-7424
125. Himmelblau, Byfield & Co.
5248 Hohman Ave.
Phone: WE 1-3729
126. Nieberding Co., R. A.
5305 Hohman Ave.
Phone: WE 1-3729
127. Standard Equip. & Supply
Corp.
534-36 Michigan St.
Phone: WE 1-3060
128. Standard Steel Specialty Co.
P. O. Box 437
Phone: WE 2-6310
129. Welch Company, Ray
6336 Columbia Ave.

HUNTINGTON

130. Hudson Tool Service
303 U. B. Bldg., Box 918
Phone: 1442

INDIANAPOLIS

131. Abrasive Supply & Tool Co.
3460 N. Delaware St. (5)
Phone: WA 3-3453
132. Ace Supply Inc.
1622 N. Illinois
Phone: WA 6-3396
133. Alsmite Sales Co. Inc.
412 Capitol Ave.
Phone: ME 2-6321
134. Allegheny Ludlum
Steel Corp.
1801 E. DeLoos St. (1)
P. O. Box 11074
Phone: ME 2-6321
135. Allen-Bradley Co.
1491 N. Harding St. (7)
Phone: ME 8-1491
136. Allis-Chalmers
3590 N. Meridian St. (18)
Phone: WA 4-5361
137. Allis Co., The Louis
333 N. Pennsylvania, Room
613 (4)
Phone: ME 4-0668
138. Allison & Assoc., R. K.
3433 N. Central Ave.,
Apt. 54
Phone: WA 4-1017
139. Aluminum Co. of America
2930 N. Meridian St. (7)
140. Amer. Machinery & Tool Co.
130 S. Ewing St.
Phone: FL 9-5578
141. Ampco Metal Inc.
230 S. Pennsylvania St.
(4)
Phone: ME 8-0284
142. Armstrong, Joe R.
919 Fletcher Trust Bldg.
(4)
Phone: ME 7-2878
143. Aro Pneumatic Tools
6216 Carrollton Ave.
Phone: CL 1-7676
144. Atkins Saw Div.
402 S. Illinois St. (25)
Phone: ME 9-1326
145. Avels Sales & Engrg. Co.
1407 E. Riverside Dr. (7)
Phone: ME 9-1326
146. Barber-Colman Co.
2829 N. Meridian St. (3)
Phone: WA 3-2702
147. Barry Co.
700 Fulton St. (2)
Phone: CL 1-4364
148. Bell, T. A.
834 E. 64th St. (2)
Phone: CL 1-4364
149. Bellows-Valvair
3721 N. Keystone Ave. (18)
Phone: LI 6-3835
150. Benedict, Paul W.
1837 E. Georgia St.
Phone: IH 5413

151. Bethlehem Steel Co.
1315 Circle Tower Bldg.
5 E. Market St. (4)
Phone: ME 2-4391
152. Black & Decker
1125 W. 16th St. (2)
Phone: ME 6-9676
153. Blakeslee & Co., G. S.
330 W. New York St.
Phone: ME 4-5158
154. Bliss Co., E. W.
5250 Keystone Ct. (20)
Phone: CL 3-2686
155. Bliss & Laughlin Inc.
2800 E. 39th St. (5)
Phone: LI 5-0552
156. Bomgardner, Ray
1215 River Heights Dr.
Phone: CL 1-4048
157. Bound-Rivest Co.
1347 N. Pennsylvania (3)
Phone: ME 4-7454
158. Braeburn Alloy Steel Corp.
3513 Hovey St. (8)
Phone: WA 4-0656
159. Bridgeport Brass Co.
South Holt Rd.
Phone: CH 4-2461
160. Brosey & Frew Inc.
1719 E. 52nd St.
Phone: CL 3-2306
161. Brown Co., Robert O.
P. O. Box 601K (20)
Phone: CL 5-1930
162. Browning Tool & Supply Co.
332 N. Capitol Ave. (4)
Phone: ME 5-5325
163. Bryant Chucking Grinder
6101 N. College Bldg. (20)
Phone: CL 5-8809
164. Bryant Equip. Co.
1027 Oakwood Trail
Phone: WA 5-1832
165. Buck & Assoc., C. M.
2927 Central Ave. (5)
Phone: WA 5-1832
166. Bullard Co., The
4119 N. Keystone Ave. (5)
Phone: LI 7-3574-75
167. Crucible Steel Co.
105 S. Keystone Ave. (1)
Phone: ME 8-4501
168. Cahill, George
9128 N. College Ave. (10)
Phone: VI 6-2298
169. Cain Safety Service
1318 Hoyt Ave.
Phone: ME 7-2222
170. Capitol City Diamond Co.
41 E. Washington St.
Phone: ME 7-2222
171. Carlson Co., J. N.
5744 Washington Blvd.
(20)
Phone: CL 3-2676
172. Carlson Co., J. R.
4808 Broadway (5)
Phone: AT 3-8531
173. Carpenter Steel Co., The
1618 W. Washington St. (7)
Phone: ME 2-5401
174. Carrier Corp.
Room 326, Chamber of
Commerce Bldg.
320 N. Meridian St. (4)
Phone: ME 5-2811
175. Central Rubber & Supply
Co.
30 E. Georgia St. (9)
Phone: ME 2-8361
176. Central States Machinery
Co.
1202 Morris Plan Bldg.
108 E. Washington Ave.
Phone: ME 2-4491
177. Century Electric Co.
Room 408, State Life Bldg.
15 E. Washington St. (4)
Phone: ME 7-8233
178. Chase Brass & Copper Co.
1609 Oliver Ave. (21)
Phone: ME 7-1543
179. Chicago Rawhide Mfg. Co.
3921 N. Rural St.
Phone: LI 6-5789
180. Cincinnati Milling & Grind-
ing Machines
2314 N. Meridian St.,
Room 191 (8)
Phone: WA 4-3886
181. Clark Controller Co., The
2360 E. 90th St. (20)
Phone: ME 6-4100

INDIANAPOLIS (cont.)

182. Clark & Osborne Co.
6325 Guilford Ave.
P. O. Box 20096
Phone: CL 5-5668
183. Clerkin & Co., W. M.
2800 E. 39th St. (5)
Phone: LI 7-2171
184. Cleveland Tramrail Indian-
apolis Co.
1121 E. 46th St. (5)
Phone: CL 5-5488
185. Colby Co., Royal B.
4715 Cornelius Ave.
Phone: AT 3-5604
186. Condit, Dudley
10246 N. Ruckel St.
Phone: CA R481-11
187. Confer, Byron
2809 Brookside Ave. (18)
Phone: ME 8-5240
188. Couchman-Conant Inc.
Sta. "A", P. O. Box 89023
1400 N. Illinois St. (8)
Phone: ME 5-5313
189. Crane Co.
333 W. Market St.
Phone: ME 5-1521
190. Crane Packing Co.
3400 N. Meridian St. (8)
Phone: WA 6-1686
191. Crandall & Assoc., R. M.
6220 E. 56th St. (26)
Brendonwood
192. Crodian & Co.
4897 Kessler Blvd. E. Dr.
(20)
Phone: CL 1-6496
193. Crown Equip. Co.
3025 English Ave. (1)
Phone: ME 8-1476
194. Cutler-Hammer Inc.
3425 E. 46th St.
Phone: LI 5-1261
195. Danby Co. Inc., H. E.
5165 N. Keystone Ave. (5)
Phone: CL 1-4260
196. Davidson Co., C. W.
1914 N. Bellview
Phone: ME 7-4509
197. Dee & Co., J. B.
1723 W. 16th St.
Phone: ME 5-5548
198. Denison Engrg. Div.
1537 Central Ave. (2)
Phone: ME 4-5777
199. Desautels Co., George O.
2302 N. Meridian (8)
P. O. Box 89008
Phone: WA 3-2403
200. Detrex Chemical Ind. Inc.
359 W. Ray St.
Phone: ME 5-1024
201. DeVilbiss Co., The
132 E. 30th St.
Phone: WA 3-9153
202. Diston Div.
3908 Ridgeview Dr.
Phone: LI 6-1463
203. DoALL Central Co. Inc.
1850 W. 16th St. (2)
Phone: ME 5-6496
204. Donham-Harris Inc.
205 W. Morris St.
Phone: ME 7-1576
205. Douglas Engrg. Co.
5612 N. Victoria Dr. (8)
Phone: CL 1-3647
206. Dow Corning Corp.
2409 E. 38th St. (18)
Phone: LI 7-8312
207. Drake, Joe
4728 E. Pleasantway Run
Parkway-North Dr. (1)
Phone: FL 9-8732
208. Durnell Co., Frank A.
1218 N. Hawthorne
Phone: FL 6-0532
209. Dustman & Assoc., Jack
125 W. 30th St. (8)
Phone: WA 5-3537
210. Eaglesfield Equip. Engrg.
5646 Central Ave. (20)
Phone: CL 5-2632
211. Electro Products Inc.
702 E. 10th St. (2)
Phone: ME 1-7420
212. Elgin National Watch Co.
322 N. Capitol Ave. (4)
Phone: ME 5-3225
213. Ellis Co. Inc., C. H.
2432 Southeastern Ave. (4)
P. O. Box 1517
Phone: ME 6-4488
214. Engrg. Products
6620 E. Washington St.
(19)
Phone: FL 9-5374
215. Ernest Holdeman & Collet
Inc.
5302 N. Taconia Ave. (20)
Phone: CL 3-3461-2-3
216. Ex-Cell-O Precision Prod-
ucts
28 E. 16th St. (2)
Phone: WA 6-3223
217. Fafnir Bearing Co., The
1500-14 E. Riverside Dr.
(2)
Phone: ME 8-1584
218. Federal Products Corp.
1126 Central Ave. (2)
Phone: ME 4-5445-6
219. Fitzgerald, D. F.
5921 N. Olney
Phone: CL 3-3090
220. Foster, James L.
2526 W. 14th St. (22)
Phone: ME 7-6380
221. Galm Co. Inc., Kenneth J.
46 S. Capitol Ave.
Phone: ME 4-3467
222. Garber Engrg. Assoc.
3916 N. Pennsylvania St.
(5)
Phone: AT 3-6206
223. Gardner-Denver Co.
3957 S. Meridian (27)
Phone: ST 7-1368
224. Garrett Co. Inc., George K.
30 W. 42nd St. (8)
Phone: AT 3-5443
225. Garrett Machinery, C. C.
P. O. Box 20065
6060 College Ave. (20)
Phone: CL 5-4757
226. General Controls Co.
2806 W. 16th St. (22)
Phone: ME 6-2537
227. General Electric Co.
3750 N. Meridian St. (8)
228. General Supply & Tool Inc.
1011 N. Pennsylvania St.
(4)
Phone: ME 7-3591
229. Gill, Frank W.
6440 N. Michigan Rd. (8)
Phone: WA 3-3758
230. Gille & Sons, George W.
16 N. East
Phone: ME 4-9044
231. Gordon Co., Claud S.
31 E. Georgia St. (4)
232. Gorske Industrial Equip. Co.
132 E. 30th St.
Phone: WA 4-1000
233. Green Machinery Co. Inc.,
H. B.
P. O. Box 55102
644 E. 38th St. (5)
Phone: WA 3-5494
234. Greene Inc., Walter F.
3140 N. Illinois St. (8)
P. O. Box 88143, Station A
Phone: WA 5-5333
235. Guilmont Co., R. L.
2037 E. 46th St.
Phone: CR 1-9261
236. Gurley-Ortman Co.
1707 E. 52nd
Phone: CL 1-2238
237. Harkins Engrg. Sales Co.
6349 Guilford Ave. (2)
Phone: CL 1-0848
238. Harnening, Fred
1509 Shannon Ave. (1)
Phone: CE 3-8997
239. Hassenfrits, J. F.
7320 Highland Rd.
Phone: TR 8-0634
240. Hawkins & Assoc. Hubert C.
P. O. Box 20202 (20)
Phone: CL 1-3426
241. Haynes Engrg. Sales
1308 N. Chester St.
Phone: FL 6-1300
242. Heald Machine Co., The
1841 N. Meridian St. (2)
Phone: WA 6-3378

SALES OFFICES

INDIANA

INDIANAPOLIS (cont.)

245. Heavren, Siegrist & Thompson Inc.
908 N. Illinois St. (4)
Phone: ME 2-3468
246. Henry, C. R.
117 Harrison Ave. (19)
Phone: FL 7-1051
247. Hewitt-Robins
2813 Questend S. Dr. (22)
Phone: WA 4-0577
248. Hobart Arc Welding Equip. Co.
2156-60 Fletcher Ave. (3)
Phone: ME 9-6528
249. Hofer Metals Sales Agency
P. O. Box 19075 (19)
Phone: ME 1-8311
250. Holliday Steel Warehouse
545 W. McCarty St. (6)
P. O. Box 1053
Phone: ME 1-8311
251. Hooser Bearing & Transmission Co.
448 N. Illinois St.
Phone: ME 4-2436
252. Hoss Co., Henry G.
5964 Central
Phone: CL 1-4997
253. Houghton & Co., E. F.
3220 Kessler Blvd. (22)
North Drive
Phone: WA 5-3869
254. Humston Co. Inc., E. L.
1616 N. Illinois St. (2)
Phone: WA 5-9691
255. Hydramation Engrg. Co.
719 N. Wallace
Phone: FL 6-2224
256. I-T-E
1224 N. Capitol Ave. (2)
Phone: ME 9-3454
257. Ithier Assoc., Neal
5815 Highfall Rd. (20)
Phone: LI 6-5944
258. Ind. Machine Tool Sales Co.
2927 Central Ave.
Phone: WA 6-0006
259. Ind. Manufacturers Supply Co.
937-945 Fort Wayne Ave. (7)
Phone: ME 5-2451
260. Ind. Naval Stores Co.
401-409 W. 17th St. (2)
Phone: WA 3-2431
261. Ind. Oxygen Co.
435 S. Delaware St. (25)
Phone: ST 4-4421
262. Indianapolis Belting & Supply Co.
30-36 S. Capitol Ave. (9)
Phone: ME 3-4604
263. Indianapolis Machinery Co. Inc.
1959-69 S. Meridian St. (6)
Phone: ST 4-4421
264. Industrial Air Equip. Co.
2047 E. 46th St. (5)
Phone: CL 1-9406
265. Industrial Sales & Engrg. Co.
3025 N. Illinois St. (8)
Phone: WA 3-1033
266. Inland Machinery Corp.
5165 N. Keystone Ave. (5)
P. O. Box 55521
Phone: CL 3-2681
267. Inland Steel Co.
333 N. Pennsylvania Ave. (4)
Phone: ME 4-1458
268. J&L
615 Circle Tower Bldg. (4)
Phone: CH 1-8281
269. Jackson Engrg. Co. Inc.
P. O. Box 88121 (8)
Phone: ME 4-3463
270. Jay Instrument & Specialty Co.
4918 W. 16th St. (24)
Phone: CH 1-8281
271. Jessop Steel Co.
706 Fidelity Bldg.
111 Monument Circle (4)
Phone: ME 6-3539
272. Johnson & Son Inc., S. C.
500 S. Kitley Ave. (19)
Phone: FL 9-8247
273. Jones & Lamson Machine Co.
6325 Guilford Ave. (20)
P. O. Box 20222
Phone: CL 1-4220
274. Jones & Laughlin Steel Corp.
Stainless & Strip Div.
2301 Holt Rd., S. (41)
Phone: CH 4-9501
275. Jones & Laughlin Steel Warehouse Div.
545 W. McCarty St. (6)
Phone: ME 1-8311
276. Kavalakis, J. L.
5925 E. Washington St.
Phone: ME 7-1593
277. Kennametal Inc.
3400 N. Meridian St. (8)
Phone: WA 5-6427, 5-6428
278. Kidney-Wood Co. Inc.
1502 W. Washington St. (22)
Phone: ME 7-1593
279. Kilby, Robert D.
10293 Carrollton
Phone: VI 6-2967
280. Kinsey Co., The E. A.
1550 Stadium Dr. (2)
Phone: ME 8-2581
281. Klingstein Machinery Co.
612 N. Delaware St.
Phone: ME 9-1311
282. Lagerholm, E. E.
4405 Berkshire Rd. (18)
Phone: LI 7-3233
283. Laidlaw Co., The
11 W. 17th St. (2)
Phone: WA 3-7251
284. Landis Tool Co.
Room 12, 709 E. 38th St. (5)
Phone: WA 6-1662
285. Leeds & Northrup Co.
3513 N. Hovey St. (18)
Phone: WA 6-2462
286. Leich, Armin
5860 Norwaldo Ave.
Phone: CL 1-3803
287. Leland-Gifford Co.
P. O. Box 1051 (6)
Phone: CL 1-5712
288. Lincoln Electric Co., The
5165 N. Keystone Ave. (5)
Phone: CL 5-2415
289. Lindberg Engrg. Co.
230 E. Ohio St., Room 217 (4)
Phone: ME 5-4574
290. Logan Co.
635 N. Pennsylvania St. (4)
Phone: ME 4-3873
291. Long, James F.
5037 Evanston Ave. (5)
Phone: ME 1-1084
292. Loy Instrument Co.
2111 N. Kitley Ave.
Phone: FL 6-6318
293. Loya Co., L. W.
2013 E. 65th St. (20)
Phone: CL 1-8951
294. Luther & Pedersen Inc.
5420 N. College Ave. (20)
Phone: CL 1-7404
295. Machine Tool Affiliates
2051 E. 46th St. (5)
Phone: WA 6-0888
296. Marathon Electric Mfg. Corp.
1701 N. Sherman Dr. (18)
P. O. Box 7151
Phone: FL 7-1127, 7-1128
297. Marschke & Sons Inc., W. A.
1121-25 E. 46th St. (5)
Phone: CL 5-5468
298. Marshall & Huchart Machinery Co. of Ind. Inc.
628 Chamber of Commerce Bldg. (4)
Phone: ME 5-6347
299. Martin Co. Inc., Clair L.
286 W. 40th St. (8)
Phone: AT 3-6398
300. Martin, W. H.
3334 N. Illinois St. (8)
Phone: WA 5-6577
301. Material Handling Equip. Co. Inc.
1224 N. Capitol Ave. (2)
Phone: ME 5-2587
302. McAtee, William
626 DeQuincy
Phone: FL 7-1483

INDIANAPOLIS (cont.)

303. McCaskill, L. C.
5347 College Ave.
Phone: CL 5-3902
304. McIntire, Donald
5129 W. 12th St. (24)
Phone: CH 4-5654
305. McMahon, James
P. O. Box 24052
Phone: CH 3-0109
306. Means & Assoc., E. A.
3625 N. College Ave. (20)
Phone: ME 6-2538
307. Mercury Engrg. Co. Inc.
515 Harmon St. (25)
Phone: ME 6-2538
308. Metal Parts & Equip. Co.
709 E. 38th St.
Phone: WA 5-5803
309. Metco Materials Handling Co.
2409 E. 38th St. (18)
Phone: LI 7-5264
310. Meyer, David
5630 Kilmer Lane (20)
Phone: TI 9-0830
311. Meyer Materials Inc.
P. O. Box 20262
6101 N. College Ave.
Phone: CL 5-5253
312. Micro Switch Div.
1905 W. 18th St. (2)
Phone: ME 5-2149
313. Mid-West Abrasive Co.
6129 N. Tuxedo St. (20)
Phone: CL 5-0106
314. Miller, Richard
6342 Bryon Dr.
Phone: ST 4-6576
315. Milne & Co. Inc., A.
1635 Gent St.
Phone: ME 2-2827
316. Mineweld Co. of Ind. Inc.
2001 W. Washington St.
Phone: ME 4-6331
317. Modco Tools
2016 E. 46th St. (5)
Phone: CL 1-9278
318. Moneyman, Arthur O.
5309 Winston Dr. (26)
Phone: ME 4-6331
319. Moore Co., A. D.
420 Chamber of Commerce Bldg. (4)
Phone: ME 4-6331
320. Moore, C. W.
5250 Keystone Ct. (20)
P. O. Box 20045
Phone: CL 3-6484
321. Morath, Henry J.
325 Bankers Trust Bldg. (4)
Phone: ME 5-4082
322. Mueller Brass Co.
1414 S. W. St. (6)
P. O. Box 1505
Phone: ME 6-2503
323. Munson, J. H.
10224 N. New Jersey (20)
Phone: VI 6-8155
324. National Refining Co.
538 S. Harding St.
Phone: ME 2-8448
325. Neff Engrg. Co.
1955 Central Ave.
Phone: WA 5-5311
326. Neff, Kohlbush & Bissell Inc.
605 E. 38th St.
Phone: WA 4-5636
327. Nelson, William J.
4880 Victoria Rd. (8)
Phone: CL 1-8304
328. Nester, R. J.
3213 Halifax Dr. (22)
Phone: WA 3-3843
329. Newcomb, Roger J.
4480 Marcy Lane
Phone: CL 1-7908
330. New Departure Div. GMC
Room 710, Chamber of Commerce Bldg.
320 N. Meridian St. (4)
Phone: ME 5-5374
331. Niagara Machine & Tool Works
5226 N. Keystone Ave. (20)
Phone: CL 5-8757
332. Nonferrous Foundries Inc.
22nd & Sherman Dr. (18)
Phone: LI 7-3539
333. North Amer. Viking Drill Co.
1637 Gent Ave. (23)
Phone: ME 2-1465
334. Northwest Chemical Co.
4500 Cherry Lane (8)
Phone: WA 3-4482
335. Norton Co.
1301 W. 16th St. (7)
Phone: ME 7-2429
336. OEM Sales Co.
P. O. Box 55232 (5)
Phone: LI 6-2452
337. Oakite Products Inc.
1001 E. New York St. (7)
Phone: ME 7-1466
338. Oatis Machinery Co.
1865 N. Harding, Corner 19th (2)
P. O. Box 23105
Phone: ME 7-1305
339. O'Connor Assoc.
911 N. Pennsylvania St.
Phone: ME 4-5747
340. Pace Engrg. Co.
1507 E. Michigan (1)
Phone: ME 2-2515
341. Paller Engrg. Co.
3025 N. Illinois St.
Phone: WA 6-5444
342. Pangborn Corp.
665 E. 61st St. (20)
Phone: CL 1-3148
343. Parker-Hannifin Industrial Sales Office
6226 College Ave. (20)
Phone: ME 2-2523
344. Peninsular Steel Co.
2550 W. Minnesota Ave.
Phone: ME 2-2523
345. Pfau-Vogel Co.
31 E. Georgia St.
Phone: ME 2-2523
346. Pioneer Tool Co.
1537 N. Central Ave. (2)
Phone: ME 2-2523
347. Pleasance, H. H.
527 Merchants Bank Bldg.
Phone: ME 6-2099
348. Prah Co., Harry F.
8207 Windcombe Blvd. (20)
Phone: CL 5-0250
349. Pratt Co., Ray W.
515 N. Luett Ave. (22)
Phone: ME 2-2268
350. Production Tools of Ind.
1130 Central Ave. (2)
Phone: ME 5-7621
351. Progressive Welder Sales Co.
325 Bankers Trust Co. (4)
Phone: ME 6-0735
352. Quality Mill Supply Inc.
150 S. Senate Ave.
Phone: ME 5-6588
353. Rapistan of Ind. Inc.
966 N. Meridian St. (4)
Phone: ME 5-3561
354. Ray, William V.
1921 Eisenhower Dr. (24)
Phone: CH 1-0643
355. Reid-Holcomb Co. Inc.
1815 Kentucky Ave.
Phone: ME 2-4433
- 355A. Reliance Electric & Engrg. Co.
4606 Evanston Ave.
Phone: CL 3-2717
356. Republic Steel Corp.
800 Circle Tower (4)
Phone: ME 2-5386
357. Revere Copper & Brass Inc.
665 E. 61st St. (20)
Phone: CL 1-4505
358. Reynolds Metals Co.
1800 N. Meridian St., Room 306
Phone: WA 5-7527
359. Richards Co., Blaine
6140 Winnipen Lane
Phone: CL 3-3505
360. Richey & Sons, G. A.
P. O. Box 20167
1050 Broad Ripple Ave. (20)
Phone: CL 1-9216
361. Ridgway Engrg. Inc.
1224 N. Capitol Ave. (2)
Phone: ME 5-2401
362. Rivers, Neil
1041 N. Bolton
Phone: FL 9-2658
363. Rodecker, Jos. L.
5015 E. 69th St. (20)

INDIANAPOLIS (cont.)

364. Rumbaugh, William
1122 N. Ritter (19)
Phone: FL 9-0397
365. Ryerson & Son Inc., Jos. T.
Box 19155 (19)
Phone: FL 9-3852
366. SKF Industries Inc.
6144 College Ave. (20)
Phone: CL 3-6416
367. Sadler Co., J. O.
1805 Sharon
Phone: ME 6-1065
368. Safeway Service & Mfg. Co.
968 N. Rochester Ave.
Phone: ME 8-0945
369. Schmid, Herbert
1955 Ruckie St.
Phone: WA 3-3036
370. Schmidt Inc., Geo. T.
3821 Cranbrook Dr.
Phone: CL 1-6269
371. Scholl, Paul
5064 Haverford Ave.
Phone: CL 1-4884
372. Scott Industrial Equip. Co.
3019 N. Illinois St. (8)
Phone: WA 5-8918
373. Sedlak, Frank E.
4508 Allisonville Rd. (5)
Phone: LI 5-1141
374. Service Elevator Co. Inc.
1656 Roosevelt Ave. (18)
Phone: ME 7-5431
375. Service Supply Co.
P. O. Box 1503
1038 Madison Ave. (6)
Phone: ME 7-5431
376. Shaw Brothers
2409 E. 39th St.
Phone: LI 6-3125
377. Sheffield Ind. Sales Co.
6950 E. 10th St. (19)
Phone: FL 9-5442
378. Singleton Abrasive Supply
Co., The
4610 N. Evanston Ave. (5)
Phone: CL 1-9828
379. SKIL Corp.
1620 E. Riverside Dr. (2)
Phone: ME 7-1375
380. Slaughter Co., R. L.
4243 Central Ave. (5)
Phone: CL 3-6418
381. Snap-on Tools Corp.
2424 Stewart Ave. (20)
Phone: CL 3-6418
382. South Chester Corp.
2900 E. 39th St. (5)
Phone: LI 7-1292
383. Spaulding Fibre Co. Inc.
5428 Washington St. (19)
Phone: FL 9-5405
384. Special Machinery Sales
3851 E. 34th St. (18)
Phone: LI 7-0316
385. Standard Die Supply Inc.
26 E. McCarty St.
Phone: ME 5-6318
386. Standard Oil Co.
1201 E. 28th St. (5)
Phone: WA 4-4541
387. Standiford, Robert
7948 Ashton Dr.
Phone: LI 7-6042
388. Star Stainless Screw Co.
5625 N. College Ave. (20)
Phone: WA 3-3321
389. State Machinery Co. Inc.
Room 604, 1800 N. Meridian
St. (2)
Phone: WA 3-3321
390. Stevenson Co., Jack
1501 E. 80th St. (20)
Phone: CL 5-3855
391. Stoelting, Ray
4801 Wentworth Blvd.
Phone: FL 7-6394
392. Stone Engrg. Co.
P. O. Box 20249 (20)
Phone: CL 1-0573
393. Stover, R. H.
6014 Primrose Ave. (20)
Phone: CL 1-0573
394. Stuart Oil Co. Ltd., D. A.
1614 S. West St. (7)
Phone: ME 3-2525
395. Sun Oil Co.
715 E. 52nd St.
Phone: WA 4-4513
396. Sundstrand Machine Tool
Co.
P. O. Box 95296
Phone: LI 6-1336

INDIANAPOLIS (cont.)

397. Sunnen Products Co.
1244 River Heights Dr.
(20)
Phone: CL 1-5379
398. Surface Combustion
5420 College Ave. (20)
Phone: CL 1-7711
399. Sutton-Garten Co.
401-415 W. Vermont St.
Phone: ME 4-2308
400. Syntrol Indianapolis Sales
Co.
2209 E. 10th St. (1)
Phone: ME 8-0718
401. Sweeney Co., William P.
1540 N. Meridian St. (2)
Phone: ME 5-8291
402. Taylor Co., Howard R.
2930 E. Kessler Blvd.
Phone: CL 1-7773
403. TEC Engrg. Corp.
17 W. 17th St. (2)
Phone: WA 3-8538
404. Technical Equip. Sales Co.
Inc.
6216 Carrollton Ave. (20)
P. O. Box 20207
Phone: CL 1-9862
405. Texaco Inc.
3521 E. Michigan St. (1)
Phone: 7-5371
406. Thompson, Frank
2618 E. 58th St.
Phone: WA 5-9811
407. Thompson, P. L.
4317 E. 39th St.
Phone: ME 5-9393
408. Thompson Co., R. H.
333 N. Pennsylvania St.
Phone: ME 5-9393
409. Thompson Tool Co.
2618 E. 58th St.
Phone: CL 5-0161
410. Thomson Mfg. Co., Judson
L.
203 E. 106th St.
Phone: VI 6-5328
411. Thor Power Tool Co.
1489 N. Harding St. (7)
Phone: ME 8-4545
412. Tools & Supplies Inc.
1805 W. 18th St. (2)
Phone: ME 5-6415
413. Transmission Supply Co.
1844 W. 10th St.
Phone: ME 7-5471
414. Tubular Rivet & Stud Co.
322 Chamber of Commerce
Bldg. (4)
Phone: ME 5-3748
415. U. S. Gypsum Co.
665 E. 61st St. (20)
Phone: CL 1-2208
416. U. S. Steel Corp.
Room 428, Chamber of
Commerce Bldg.
320 N. Meridian St. (6)
P. O. Box 408
417. Universal-Cyclops Steel
Corp.
716 Union Title Bldg. (4)
Phone: ME 8-9278
418. Valenite Metals
2016 E. 46th St. (5)
Phone: CL 1-9278
419. Vanadium-Alloys Steel Co.
3721 N. Keystone Ave.
(18)
Phone: LI 6-1251
420. Vascology-Ramet Corp.
1514 N. Pennsylvania St.
(2)
Phone: ME 5-1072
421. Vickers Inc.
2051 E. 46th St. (5)
Phone: CL 3-3535
422. Viking Pump Co.
407 Madison Ave. (25)
Phone: ME 5-8349
423. Voelker Co., Henry R.
118 E. 63rd St. (20)
Phone: CL 3-3777
424. Voetsch, Harold E.
2211 E. 52nd St. (5)
Phone: CL 1-1370
425. Vonnegut Hardware Co.
402 W. Maryland St. (9)
Phone: ME 2-2321
426. Voyles, C. T.
1170 N. Shortridge Rd.
(19)
Phone: FL 9-6888

INDIANAPOLIS (cont.)

427. Wagner, John J.
3533 N. Olney Ave.
Phone: LI 6-7643
428. Wales Stripplitt Inc.
132 E. 30th St.
Phone: WA 6-9660
429. Wapakoneta Machine Co.,
The
1537 N. LaSalle St.
Phone: ME 8-1611
430. Warner & Swasey Co., The
6216 Carrollton Ave. (20)
P. O. Box 20134
Phone: CL 1-0794
431. Welding Equip. & Supply
Co.
2047 E. 46th St. (5)
Phone: CL 1-9406
432. Weldon Engrg. Co.
3691 N. Guilford Ave. (5)
Phone: WA 6-4053
433. Wellman Engrg.
4618 Winthrop Ave. (5)
Phone: AT 3-5698
434. Whitesell & Assoc., R. O.
6620 E. Washington St. (1)
Phone: FL 9-5374-5375
435. Wilson Mechanical Instru-
ment Div.
5825 E. Washington Ave.
Phone: ME 6-8251
436. Young Co. Inc., The A. R.
529 N. Dorman St. (2)
Phone: ME 6-8251
437. Younts, Wm. F.
3116 N. Webster St.
Phone: LI 7-6877
438. Ziv Steel & Wire Co.
633 Fulton St. (2)
Phone: ME 7-4583

JASPER

439. Carbi-Service Corp.
707 Bartley

JEFFERSONVILLE

440. Owens Co., W. I.
519 Michigan Ave.

KOKOMO

441. Gundersen, Hans B.
237 N. Berkley Rd.
Phone: GL 9-5686
442. Miller Steel Co. Inc.
1221 S. Plate St.
443. Northern Ind. Supply Co.
Inc.
304 S. Main St.
Phone: GL 9-4151
444. Oakite Products Inc.
P. O. Box 183
Phone: GL 2-5881
445. Stout & Loman Co.
P. O. Box 150
Phone: GL 9-8236
446. United Tool & Die Inc.
910½ N. Washington St.
Phone: GL 7-3297
447. Wortman Welding Supply
215 S. Main St.

LAFAYETTE

448. Biggs Pump & Supply Co.
Inc.
52 By Pass at Route 26
Phone: 2-0181
449. Braune, J. L.
1104 Sarasota St.
Phone: HA 7-6631
450. Kirby Risk Supply Co. Inc.
451. Lyman's Oxygen Supply
20 N. 1st St.

LA PORTE

452. Casting Service Corp.
277 Philadelphia St.
Phone: 2006

LAWRENCEBURG

453. Southeastern Supply Co.
317 Walnut St.
Phone: 342

LEBANON

454. Ferguson Machine Corp.
P. O. Box 250
Phone: 1556
455. Slaughter Assoc., C. E.
P. O. Box 35

INDIANA

LOGANSPORT

456. Baker Specialty & Supply
Co. Inc.
701-711 Erie Ave.
Phone: 5116
457. TEC Engrg. Corp.
2402 High St.
P. O. Box 4
Phone: 3305, 2388

MARION

458. Marion Hardware Supply
Co.
1402 Kem Rd.
Phone: NO 2-6851
459. Yale Supply Co.
3701 S. Western Ave.
P. O. Box 244
Phone: AT 4-2401

MICHIGAN CITY

460. Bradford, Roy
1702 Lake Shore Dr.
Long Beach
Phone: TR 2-5866
461. Oleck Co., Tom A.
329 Warren Bldg.
Phone: TR 4-6952

MISHAWAKA

462. M & H Engrg. Inc.
218 N. Ironwood Dr.
Phone: BL 5-2949
463. Marshall & Huschart Ma-
chinery Co.
218 N. Ironwood Dr.
Phone: BL 5-2949
464. Materials Handling Equip.
Corp.
215 Lincoln Way, W.
Phone: BL 9-5724
465. Murphy, John
402 W. Battell St.
P. O. Box 77
Phone: BL 5-1953
467. Schrader, C. A.
2629 Lincoln Way, W.

MONTPELIER

468. Brockelsay, C. L.
P. O. Box 95

MORRISTOWN

469. Lahn, J.
Box 166

MUNCIE

470. Applegate, V. M.
1318 W. Main St.
Phone: AT 8-7893
471. Baker, Harry
2708 Rosewood
472. Bearings Inc.
301 N. Madison
Box 28
Phone: AT 4-1425
473. Bunner, Charles A.
P. O. Box 1134
Phone: AT 8-5612
474. Darger & Assoc., Carl A.
P. O. Box 670
Phone: AT 2-8956
475. Desautels Co., Geo. O.
405 Wysox Block
P. O. Box 776
Phone: AT 4-9931
476. General Supply Co. Inc.
218-221 W. Main St. (8)
P. O. Box 770
Phone: AT 4-1467-8
477. Hayden, Quinn & Pullard
618 Wysox Bldg.
Phone: AT 4-1891
478. Miller Tool & Gage Co.
617 Wysox Bldg.
Phone: AT 4-1891
479. Nelson Gage & Tool Service
510 Wysox Bldg.
P. O. Box 573
Phone: AT 8-5712
480. Oakite Products Inc.
602 N. Calvert Ave.
Phone: AT 8-0422
481. Shannon, Roland
116 Shellbark Rd.
Phone: AT 2-5518
482. Shea, Charles G.
Jackson-Vine Apts., Apt.
300-D
Phone: AT 4-7373

SALES OFFICES

INDIANA

MUNCIE (cont.)

483. TEC Engrg. Corp.
203 N. Talley St.
Phone: AT 2-7735
484. Universal Electric Co. Inc.
P. O. Box 72
485. Wedlick Co., The
1244 Kilgore Ave.
Phone: AT 4-2401,
AT 2-7939

NEW ALBANY

486. Young, John
13 N. Hill Dr., Altawood
Phone: WH 4-2773

NEW AUGUSTA

487. Air-Hydraulics of Ind.
Box 218 Indianapolis Sub.
7769 Lafayette Rd.
Phone: TR 8-2105

NEW CARLISLE

488. National Refining Co.
R.F.D. #2
Phone: 872-R

NEW HAVEN

489. Barton Sales Co.
1205 Park Ave.
Phone: WI 2919
490. L & L Tool Co.
431 Broadway
Phone: New Haven 4754

NORTH MANCHESTER

491. Hackett Brothers Inc.
202 W. Main St.
Phone: 112

PENDLETON

492. Micromatic Home Corp.
231 S. Pendleton Ave.
Phone: 700, 701

PERU

493. Marburger Supply Co.
State Rd. 21, S.

PLAINFIELD

494. Industrial Dynamics Inc.
316 Holiday Dr.
Phone: TE 9-3593

RICHMOND

495. Gardner Machine Co.
302 Medical Arts Bldg.
Phone: RI 2-2744
496. Miller Brothers Hardware Co.
192 Ft. Wayne Ave.
Phone: 2-4001
497. Miller Electric Mfg. Co. Inc.
3220 Avon Lane
Phone: 2-2646
498. Morrison, Robert
525 W. Main St.
Phone: 7-0077
499. Richmond Industrial Supply Inc.
183 Fort Wayne Ave.
Phone: 2-3013

ROCHESTER

500. Rochester Machine Supply Co.
East on State Rd. 25
Phone: CA 3-2511

SCHERERVILLE

501. Kaczmarek, Ray S.
R. R. #1, Box 144A
Phone: UN 5-8521

SPEEDWAY

502. Detroit Tool Works Inc.
P. O. Box 24173 (24)
Phone: CH 1-0336
503. McIntire, Donald
5129 W. 12th St. (24)
Phone: CH 4-5654

SOUTH BEND

504. Allis Co., Louis
436 N. Michigan St. (1)
Phone: CE 2-0601
505. Aluminum Co. of America
805 J.M.S. Bldg. (1)
506. Atlas Press Co.
P. O. Box 741
Phone: AT 7-1519

507. Bearings Service Co. Inc.
412 E. Sample St.
Phone: AT 9-5591
508. Bellows-Valvaire
106 W. Munroe St. (1)
Phone: AT 7-6850
509. Black & Decker
310 Sherland Bldg.
Phone: CE 2-0771
510. Bombardier, Charles W.
208 Lafayette Bldg.
115 S. Lafayette Blvd.
Phone: CE 2-3250
511. Boylan, W. J.
P. O. Box 655
512. Buesking Co., T. W.
445 S. Sheridan St.
Phone: 7-4547
513. Bullard Co., The
436 N. Michigan St. (1)
Phone: CE 4-1210
514. Coast Mfg. & Supply Co.
112 W. Bartlett
Phone: CE 3-1821
515. Continental Screw Co.
218 N. Texedo Dr.
Phone: CE 2-9677
516. Cope, Reginald V.
2157 Hollywood Pl. (16)
Phone: CE 3-1821
517. Crane Packing Co.
231 S. Holiday Dr.
Phone: CE 4-4331
518. Cutler-Hammer Inc.
108 N. Main St. (1)
Phone: CE 2-7240
519. Cutting Tools Inc.
432 S. Fellows St.
Phone: AT 7-2375
520. Easley Machinery Co., The
E. L.
Box 887, Main P. O.
Phone: CE 2-8233
521. Ex-Cell-O Corp.
404 W. Washington Ave.
(1)
Phone: AT 8-5358
522. Federal-Bryant Machinery Co. (14)
1524 S. Miami St. (14)
Phone: AT 8-6767
523. Frederick, Alex C.
405 Wakewa Ave.
Phone: CE 3-3644
524. General Electric Co.
610 N. Michigan St. (1)
Phone: CE 3-8251
525. Heat Treat Inc.
1331 North Side Blvd.
Phone: AT 8-4794
526. Hehl Co., H. W.
2909 S. Michigan
P. O. Box 516
Phone: AT 9-7549
527. Houghton & Co., E. F.
P. O. Box 92 (24)
Phone: AT 9-5718
528. Hydra-Mech Inc.
P. O. Box 748
921 S. Main St. (24)
Phone: AT 8-4461
529. Ideal Industries Inc.
Box 741 (24)
Phone: AT 7-1519
530. Kimball Industrial Sales Inc.
730 W. Indiana Ave. (14)
Phone: AT 8-4601
531. Koontz-Wagner Electric Co.
516 N. Michigan St. (1)
Phone: CE 3-8251
532. Lone, R. T.
2424 Bonds Ave. (28)
533. Martindale, Willard H.
19140 Sunset Rd.
Phone: AT 7-5086
534. Mellen, T. S.
601 Tower Bldg. (1)
Phone: CE 3-0009
535. Merrick-Evans Co.
828 Park Ave.
536. Mittler Supply Inc.
3607 S. Main St.
537. National Mill Supply Inc.
224 E. Monroe St.
Phone: AT 7-2361
538. National Refining Co.
406 S. Columbia St.
Phone: AT 7-6911
539. Neff Engrg. Co.
707 S. Eddy St.
Phone: AT 7-5655
540. Norman Engrg. Co.
1627 Southeast Drive (14)
Phone: AT 9-9636

SOUTH BEND (cont.)

541. Oakite Products Inc.
Box 544
Phone: CE 3-7241
542. Perry Welding Supplies & Service
1006 W. Washington Ave.
543. Polymer Products
306 S. Notre Dame (22)
Phone: CE 3-8030
544. Powell Tool Supply Inc.
1338-40 Mishawaka Ave.
Phone: AT 9-5578
545. Power Transmission Co.
802 S. Main St. (18)
Phone: AT 8-4471
546. Reynolds Metals Co.
306 S. Notre Dame Ave.
Phone: CE 3-2189
547. Rotor Tool Co., The
423 S. Logan St.
Phone: AT 7-5533
548. Ryerson & Son Inc., Jos. T.
Rm. 412, Platt Bldg.
Phone: CE 3-2191
549. Short, R. H.
601 Tower Bldg. (1)
Phone: CE 3-6558
550. Sippel Equip. Co. Inc.
1206 Mishawaka Ave. (15)
Phone: AT 9-5545
551. Sinton Supply Co.
543 Lincoln Way, E.
Phone: AT 7-1555
552. South Bend Lathe Inc.
425 E. Madison
Phone: CE 2-3311
553. South Bend Supply Co., The
324-326 S. St. Joseph St.
(24)
Phone: CE 2-1421
554. Tool Service Co.
404 S. Walnut St.
Phone: AT 7-6325
555. Trucut Tool & Supply Co.
721 LaPorte Ave. (24)
Phone: CE 4-3171
556. United Export Corp.
2126 Mishawaka Ave. (24)
P. O. Box 741
Phone: AT 7-1519
557. Wagner, W. F.
1437 E. McKinley Ave.
(17)
Phone: CE 4-4330
558. Ward, Norris
P. O. Box 3563
Phone: CE 3-8997
559. Wiggins, D. G.
1627 Southeast Dr.
Phone: AT 9-9636

SOUTH WHITLEY

560. Grip Nut Co.
Phone: 112

TERRE HAUTE

561. Bearings Inc.
1476 Wabash Ave.
Box 191
Phone: CR 2035
562. Crawford Co., B. F.
1921 S. 3rd St.
P. O. Box 2027
Phone: LI 9335
563. Hardware Supply Co.
930-40 Chestnut St.
Phone: CR 6961
564. Hobart Distributing Co.
700 N. 13th St.
565. Industrial Supply Co.
322-328 N. 9th St.
Phone: LI 6141
566. Mechanical Suppliers Inc.
100 N. 9th St.
Phone: CR 3333
567. Oakite Products Inc.
P. O. Box 816
Phone: CR 1437
568. Powered Equip. Inc.
420 N. 9th St.
Phone: LI 8011

TIPTON

569. Screw Machine Engrg. Association
P. O. Box 114
Phone: OS 5-7316

UNION CITY

570. Lynch Supply Co., The
121 E. Elm St.
Phone: 799

VALPARAISO

571. Howard, A. Hugh
52 Harrison Blvd.
Phone: 3-4141
572. Mohn, Gottlieb R.
353 Green Acres Dr.
573. Wermcrantz, Eric C.
P. O. Box 448
Phone: 4-2461

WABASH

574. Rettig & Sons, F. J.
485 W. Canal St.
575. Wabash Machine & Tool Works
592 S. Wabash St.
Phone: 916

WEST LAFAYETTE

576. Peoples Welding & Machine Co.
Brown St. Levee

WHITELAND

577. Rice, Leonard
168 Hollybrook Dr.
Phone: KE 5-4500
578. Threadwell Tap & Die Co.
168 Hollybrook Dr.
Phone: KE 5-4500

WILKINSON

579. Robertson, G. E.
P. O. Box 103
Phone: ME 2-1461

YORKTOWN

580. Hood Machinery Co. Inc.
Phone: SK 9-7711

IOWA

BETTENDORF

- Allen-Bradley Co.
1426 Central,
P. O. Box 223
Phone: 5-1294
- Benesh Co., L. H.
P. O. Box 245
Phone: DA 5-6771
- Clark Controller Co., The
1012 Hall St.
Phone: 5-0316
- Gaynor, Frank
1319 Middle Rd.
Phone: DA 5-5349
- Gordon Power Co.
322 River Dr.
Phone: 5-2829
- Houston, William M.
2810 Bellevue Ave.
Phone: 5-1203

BONAPARTE

- Corry's Machine & Tool
P. O. Box 301
Phone: 112

BURLINGTON

- Kacena Co.
625 Valley St.
Phone: PL 2-1796
- McDonald Mfg. Co., A. Y.
2830 Mt. Pleasant St.
P. O. Box 573
Phone: PL 2-5475

CEDAR RAPIDS

- Allen Supply Co. Inc.
221 3rd Ave., SW.
Phone: EM 3-3532
- Amer. Brass Co., The
1st Ave. Bldg.
Phone: EM 4-2465
- Barron Motor Supply Co.
728 3rd Ave., SE.
Phone: EM 2-3155
- Bellows-Valvaire
322 Dows Bldg.
Phone: EM 5-1674
- Bridgeport Brass Co.
1620 9th St., NW.
Phone: EM 5-5344
- Cedar Rapids Mill Supply Co.
615 2nd Ave., SE.
Phone: EM 4-6117
- Cohen & Sons Inc., E.
900 "L" St., SW.
Phone: EM 4-1588

CEDAR RAPIDS (cont.)

17. Daystrom Inc.
213 Higley Bldg.
Phone: EM 3-9304
18. Eastin, A. W.
4222 High Ridge Rd., SE.
Phone: EM 5-2388
19. Froberg, Theodore
364 Park Terrace, SE.
Phone: EM 2-6547
20. General Electric Co.
210 2nd St., SE.
Phone: EM 5-6911
21. Globe Machinery & Supply
309-313 8th Ave., SE.
Phone: EM 5-6911
22. Harper & McIntire Co.
411 6th Ave., SE.
Phone: EM 4-7161
23. Iowa Bearing Co. Inc.
508 1st St., SE.
Phone: EM 5-3297
24. Iowa Midland Supply Inc.
P. O. Box 328
823 Rockford Rd., SW.
Phone: EM 2-7831
25. Johnson Tool & Supply Co.
700 2nd St., SW.
P. O. Box 104
Phone: EM 5-5217
26. Kacena Co., The
829 2nd Ave., SE.
Phone: PL 2-1796
27. McNeal Tool & Supply Co.
107 10th St., SE.
Phone: EM 5-4673
28. Meek, J. E.
4305 "E" Ave., NE.
Phone: EM 3-3235
29. Noll, Francis A.
1200 20th St., SW.
Phone: EM 4-3271
30. Oaklite Products Inc.
145 26th St., SE.
Phone: EM 5-3297
31. Power, Jake V.
P. O. Box 246
Phone: EM 5-2611
32. Snell-Rozek Co.
P. O. Box 249
Phone: 2-3295
33. Thomason, Charles D.
347 Park Terrace, SE.
Phone: EM 2-0619

CLINTON

34. Kacena Co., The
512 N. 2nd St.

DAVENPORT

35. Allen Supply Co.
317 W. 3rd St.
Phone: 2-5380
36. Allis-Chalmers
226 W. 3rd St.
Phone: 3-9793
37. Allis Co., The Louis
415 Perry St.
P. O. Box 892
Phone: 6-1627
38. Alter & Sons, Harry
514 Howell St.
Phone: 3-3601
39. Aluminum Co. of America
503 Kahl Bldg.
Phone: 3-3601
40. Bernhagen, Ed.
P. O. Box 431
Phone: 7-9949 & 6-4397
41. Big River Equip. Co. Inc.
518 W. 4th St.
Phone: 3-5664
42. Burchett, Robert
2594 Harrison St.
Phone: 3-3314 (Office)
43. Canfield, Arthur
112 E. 4th St.
44. Carrier Corp.
601 Brady St.
Phone: DA 2-6301
45. Century Electric Co.
Room 201, Plaza Bldg.
1821 State St. (Bettendorf)
Phone: 5-4775
46. Chicago Rawhide Mfg. Co.
725 Union Arcade Bldg.
Phone: DA 7-3441
47. Clairco Tool Co.
1545 Rockingham Rd.
48. Conson Tool Co.
802 E. River St.
Phone: 6-5138

49. Corry-Shaw Tool & Supply
736 Federal St.
Phone: 7-5893
50. Crossen & Co., C. W.
Kahl Bldg.
326 W. 3rd St.
Phone: DA 7-9351
51. Cutler-Hammer Inc.
329 Main St.
Phone: DA 3-8057
52. Deco Tool & Supply Co.
1440 W. 3rd St.
Box 576
Phone: 2-1791
53. DoALL Iowa Co.
2016 E. River St.
Phone: 7-9115, 7-9116
54. General Electric Co.
P. O. Box 630
1039 State St.
Phone: DA 5-0231
55. Globe Machinery & Supply
Co.
401 E. 2nd St.
Phone: 2-7151
56. Hanssen's Sons, Louis
215-215 W. 2nd St.
57. Hawkeye Specialty Co.
1532 W. 14th
Phone: 7-3591
58. Howell Electric Motors Co.
611 Kahl Bldg.
Phone: DA 2-7242
59. I-T-E
P. O. Box 241
218 Brady St.
Phone: 6-5327
60. Industrial Engrg. Equip. Co.
122-124 E. 4th St.
Phone: 3-9721
61. Inland Steel Co.
326 W. 3rd St.
Phone: DA 7-9111
62. Iowa Bearing Co. Inc.
111 Perry St.
Phone: 2-3631
63. Jacobs Welding Supply
923 W. 4th St.
64. Johnson Equip. Co.
315 First Federal Bldg.
Phone: 3-5511
65. Leeds & Northrup Co.
611 Kahl Bldg.
Phone: DA 6-3100
66. Macken & Son, D. C.
1615 Davenport Ave.
Phone: 2-2186
67. Marathon Electric Mfg.
Corp.
705 Union Arcade Bldg.
Phone: 6-3133
68. Midwest Equip. Co.
P. O. Box 532
2946 Arlington Ave.
Phone: 7-4074
69. Moehlenpach Engrg. Inc.
Union Arcade Bldg., Room
605
Phone: 3-5701
70. Norman Engrg. Co.
P. O. Box 431
Phone: DA 7-9649
71. Northwest Chemical Co.
Clark St. & Indian Rd.
Phone: 6-4477
72. Oaklite Products Inc.
P. O. Box 299
Phone: 3-3631
73. Pearce Tool & Gage Co.
2615 W. 6th St.
Phone: DA 3-5762
74. Rempfer & Assoc., E. E.
611 Kahl Bldg.
Phone: 3-7014
75. Rotor Tool Co., The
611 Kahl Bldg.
Phone: DA 2-4040
76. Service Engrg. Co.
P. O. Box 2635 NW, Sta-
tion
3805 Brady St.
Phone: 6-4397
77. Shackelford, Floyd W.
2015 W. 6th St.
Phone: DA 3-5762
78. Shaw Co., A. M.
604 Harrison St.
P. O. Box 41
Phone: 6-5525
79. Sieg Co.
500-516 Iowa St.

DAVENPORT (cont.)

80. Stevenson Sales Co. Inc.
Clark St. & Indian Rd.
Phone: DA 6-4477
81. Vanadium-Alloys Steel Co.
611 Kahl Bldg.,
3rd & Ripley Sts.
Phone: DA 6-2412
82. Voic Co.
215 Kahl Bldg.
Phone: 3-2144
83. Wales Strippit Inc.
611 Kahl Bldg.
Phone: 6-2721
84. Warner & Swasey Co., The
818 Kahl Bldg.
Corner 3rd & Ripley Sts.
Phone: DA 2-3406
85. Zulfer, Joseph
329 Forest Rd.
Phone: DA 5-4567

DES MOINES

86. Acme Supply Co. Inc.
3920 E. 14th St. (16)
Phone: 62-4651
87. Alemite Co. Inc., The
1216 Forrest Ave. (11)
P. O. Box 1007
88. Allis-Chalmers
206 6th Ave.
Phone: CH 3-9682
89. Bamford, Chris R.
3000 Twana Dr. (10)
Phone: CR 7-2313
90. Big River Equip. Co. Inc.
2912 6th Ave.
Phone: 2-0471
91. Brown, Wendell
704-44th St.
Phone: CR 7-9158
92. Burton, Robert L.
P. O. Box 293
Phone: CR 9-2186
93. Chenoweth-Kern Elevator
Service
423 E. Court Ave. (9)
Phone: CH 3-1151
94. Clancey Co.
3944 Valdez Dr. (10)
Phone: CR 9-9102
95. Deco Engrg. Products
1112 Locust St. (9)
Phone: AT 8-5721
96. Des Moines Iron Co.
123 SW. 3rd St.
Phone: CH 3-0177
97. Des Moines Rubber Stamp
Works
215 5th Ave. (9)
98. Donald Corp., The
313 E. 7th St.
Phone: CH 3-7623
99. Electrical Engrg. Equip. Co.
1291 Walnut St. (7)
Phone: AT 2-0431
100. Engrg. & Supply Co. Inc.
1601 E. Grand Ave. (16)
Phone: AM 5-0341
101. Farrell, Lloyd
Box 2594
Phone: AT 2-7662
102. General Electric Co.
2116 W. Grand Ave. (12)
103. Globe Machinery & Supply
309-313 E. 1st & Court
Ave. (6)
Box 1514
Phone: CH 4-3291
104. Haney Assoc., L. J.
1004 Grand Ave. (9)
Phone: AT 8-2422
105. Hicklin GM Diesel Inc.
5425 2nd Ave.
Phone: AT 8-9731
106. Industrial Equip. Co.
4th & Porter
107. Industrial Handling Equip.
547 4th St. (13)
Phone: CR 9-1878
108. Industrial Supplies Co.
1544 2nd Ave.
Phone: AT 8-7446
109. Iowa Bearing Co. Inc.
W. 12th & Grand Ave.
Phone: 3-6167
110. Iowa Machinery & Supply
Co.
1711 2nd Ave. (14)
Phone: AT 8-0123
111. Iowa Midland Supply Inc.
1701 2nd St. (11)
P. O. Box 1059-U.P. Sta-
tion
Phone: AT 2-5044
112. Iowa Safety Equipment Co.
414-416 12th St.
113. Johnson Tool & Supply Inc.
1537 2nd Ave.
Phone: AT 8-6743
114. Johnston Co., Frank R.
853 42nd St. (12)
Phone: BL 5-5865
115. Ken-Dick Corp.
1701 2nd Ave.
P. O. Box 1059
Phone: AT 2-8397
116. Killecullen, James J.
P. O. Box 221
Phone: CH 4-5547
117. Klug Co. Inc., H. G.
517 5th Ave.
Phone: AT 8-6754
118. Kurtz Co., L. H.
100-114 Court Ave. (9)
Phone: CH 4-3221
119. Lagerholm, F. W.
340-43rd St.
Phone: CR 7-9513
120. Leeds & Northrup Co.
Apt. 23-A, Wakonda Vil-
lage (15)
Phone: CH 3-6061
121. Lowe Welding Sales Co.
810 Tuttle St. (9)
Phone: AT 8-5655
122. McDonald Mfg. Co., A. Y.
629 SW. 9th St. (4)
P. O. Box 976
Phone: CH 4-9171
123. McIlhon, Dan
4116 Maryland Pike (10)
Phone: CR 4-2012
124. McNally, H. L.
3009 Lawnview Dr. (10)
Phone: BL 5-5309
125. Midland Truck & Equip. Inc.
522 SW. Clifton
Phone: CH 4-5516
126. Midwest Equip. Co.
842 5th Ave. (14)
Phone: CH 3-1203
127. Moehlenpach Engrg. Inc.
2904 Vine St., W.
Phone: BL 5-5426
128. Mueller Brass Co.
Room 220, 3101 Ingersoll
(12)
Phone: CR 4-1431
129. Oakite Products Inc.
727 37th St.
Phone: CR 7-4341
130. Peerless Supply Co.
2431 Dean Ave.
Phone: AM 5-0333
131. Pittsburgh-Des Moines Co.
1015 Tuttle St. (8)
Phone: CH 3-3261
132. R & R Welding Supply Co.
University at 1st (14)
Phone: AT 8-0191
133. Reynolds Metals Co.
316 Des Moines Bldg.
Phone: AT 8-1906
134. Sinclair Refining Co.
P. O. Box 126 H P
2733 6th
Phone: CH 4-4111
135. SKIL Corp.
3629 E. 14th St. (16)
Phone: AM 2-8201
136. Snap-on Tools Corp.
609 E. Walnut St. (9)
Phone: CH 3-3357
137. Standard Oil Co.
Room 100, Central Life
Bldg.
611 5th St. (9)
Phone: CH 4-6211
138. Syntrol Des Moines Sales
Co.
312 Home Federal Bldg.
518 Grand Ave. (9)
Phone: CH 4-2011
139. Thompson, J. Ross
3526 38th St.
Phone: CR 7-8483
140. Walker, W. E.
5444 SW. 20th
Phone: AT 8-7744

IOWA

SALES OFFICES

IOWA

DUBUQUE

141. Deckert Co., W. D.
898 Central Ave.
142. Kretschmer-Tredway Co.
143. McDonald Mfg. Co., A. Y.
350 Dodge St.
P. O. Box 118
Phone: 2-5471

FORT DODGE

144. Balbach Co., The
315 2nd Ave., S.
145. Pederson-Sells Equip. Co.
520 S. 30th St.
Phone: 5-3531

MARSHALLTOWN

146. Glick Supply Co.
147. Sieg-Marshalltown Co.
108 S. Center St.
Phone: 3371

MASON CITY

148. Wilkinson Abrasive Co.,
L. W.
110 S. Delaware Ave.
Phone: 1339

MT. VERNON

149. Crane Packing Co.
216 "A" Ave., S.
Phone: 4871

MUSCATINE

150. Barry Co.
Box 177
Phone: AM 3-5611

NEWTON

151. Cline Tool & Service Co.
1714 N. 4th Ave., E.
P. O. Box 471
Phone: 1880-1881
152. Gardenhire, Jean J.
203 W. 11th St., S.
Phone: 729-R
153. Walling Co., The
P. O. Box 630
Russell Bldg., 121 W. 3rd
St., N.
Phone: PY 2-1430

OTTUMWA

154. Johnson, Lawrence W.
423 Wildwood Dr.
Phone: MU 2-1088
155. Lund Products Inc.
235 Richmond Ave.
Phone: MU 2-7576
156. Sieg, Ottumwa Co.
656 W. 2nd St.
Phone: MU 4-6561
157. Valley Supply Co.
1290 W. 2nd St.
P. O. Box 417
Phone: MU 2-5415

RED OAK

158. Miller Electric Mfg. Co. Inc.
200 Joy St.
Phone: 4423

RICHLAND

159. Kessler Distributing Co.

SIOUX CITY

160. Hydraulic Sales & Service
409 Water St.
Phone: 5-3801
161. McDonald Mfg. Co., A. Y.
1201-1209 Gordon Dr., W.
Phone: 8-5576
162. Novelty Mfg. Co.
416 Water St.
Phone: 5-0114
163. Oakite Products Inc.
2530 S. Cecelia St. (6)
Phone: 6-3259
164. Pecaut Industrial Supply Co.
1819 E. 4th St. (1)
Phone: 8-0611
165. Peete Hardware
521 5th St.
166. Sioux City Iron Co.
312-14 Court St.
Box 957
Phone: 5-7896
167. Sioux Machinery & Supply
Co.
7th & Douglas (2)
336 Benson Bldg.
Phone: 8-0634
168. Smith Inc.
412-417 Jones St.
Phone: 8-0621

SPENCER

169. Globe Machinery & Supply
Co.
310 N. Railway
Phone: 1786
170. McDonald Mfg. Co., A. Y.
402 E. 4th St.

WATERLOO

171. Allen Supply Co.
217 E. 5th St.
Phone: AD 2-9488
172. Bearing Service Co.
1217 Washington St.
Phone: AD 4-6846
173. Cohn and Sons Inc., E.
901-917 Commercial St.
Phone: AD 4-6613
174. Deco Tool & Supply Co.
624 Broadway
Phone: AD 4-1581
175. General Electric Co.
206 W. 4th St.
176. Harris-Dean Agency
1029 Commercial St.
177. McDonald Mfg. Co., A. Y.
200 Ida St.
P. O. Box 358
Phone: AD 4-6854
178. Midstate Reproduction &
Supply
219 Lafayette St.
179. Moore Engrg. Co.
1801 Falls Ave.
Phone: AD 3-6101
180. Newkirk Sales Co.
417 W. 5th St.
Phone: AD 3-3549
181. Repass Automobile Co.
170 W. Park Ave.
Phone: AD 4-7551
182. Troutner Tool Co.
1169 Wisner Dr.
Phone: AD 4-8267

WEST DES MOINES

183. Moehlenpach Engrg. Inc.
2904 Vine St.
Phone: BL 5-5426

WEST LIBERTY

184. Link, Joseph E.
P. O. Box 45
Phone: MA 7-2652

KANSAS

COFFEYVILLE

1. Coffeyville Mill Supply Co.
713 Union St.
P. O. Box 235
Phone: CL 1-8226
2. Industrial Supply Co.
804 Hickman St.
Phone: 235
3. Kansas Bearing Supply
806 Hickman St.
Phone: CL 1-8300
4. Thompson Welding Supply
1409 W. 8th St.
5. Tool Sales Co.
Box 172

DODGE CITY

6. Scheufler Supply Co.
Phone: HU 2-2151

GREAT BEND

7. Scheufler Supply Co. Inc.
1515 Kansas St.
Phone: GL 3-4321

HARTFORD

8. Funk, Charles H.
Box 278
Phone: 4441

HUTCHINSON

9. Lemmon Co., Henry B.
831 E. 4th
Box 951
10. Wesco Industrial Supply
900 S. Main St.
Phone: MO 5-8581
11. Young Sales & Erec. Co.
701 W. 2nd St.

INDEPENDENCE

12. Union Gas System

IOLA

13. Russell Sales Co., H. E.
Phone: Iola 64

KANSAS CITY

14. Air Equip. Co.
1401 Fairfax Traffic Way
Phone: DR 1-3709
15. Fusion Inc.
1401 Fairfax Traffic Way
Phone: MA 1-1343
16. Goodrich Industrial Prods.
Co., B. F.
830 Kindelberger Rd. (15)
Phone: MA 1-4400
17. Inland Steel Co.
1004 Baltimore Ave. (5)
Phone: VI 2-5506, 2-5507
18. Interstate Oil Co.
87 Shawnee Ave.
Phone: DR 1-3470
19. Kent & Co., A. S.
336 N. 7th St. (17)
Phone: DR 1-5123
20. Luce Industrial Supply Co.
1818 Main St. (8)
Phone: HA 9906
21. Nall & Assoc., Frank A.
602 Minnesota Ave. (1)
Phone: DR 1-1580
22. New Departure Div. GMC
721 Minnesota Ave. (1)
Phone: AT 1-4016
23. Reichhold Chemicals Inc.
3150 Fiberglass Rd. (15)
Phone: MA 1-4900
24. Remington Arms Co. Inc.
Suite 111
2500 Johnson Dr. (3)
Phone: SK 1-3745
25. Rivard Sales Co.
2540 W. 47th St. (3)
Phone: TA 2-8853
26. Schone & Johnson Machin-
ery Co.
1117 Kansas Ave.
Phone: DR 3567
27. Sherman Co., Chas. G.
2524 W. 51st St. Terrace
(3)
Phone: SK 1-0759
28. Sinclair Refining Co.
P. O. Box 7 (Packers
Station) (19)
29. Standard Products Inc.
3041 Fairfax Rd.
Phone: DR 1-3266
30. Sterling Electric Motors Inc.
4306 Cambridge Ave. (3)
Phone: JO 2-7352
31. Swan Engrg. & Supply Co.
Inc.
3251 Fairfax Rd. (15)
Phone: AT 1-7926
32. U. S. Electrical Motors Inc.
907 N. 7th St., Room 1119
Phone: MA 1-6871
33. Wilson-Wylie Distributing
Corp.
3301 Fairfax Traffic Way
(15)
Phone: MA 1-3600
34. Ziegler Co., Herbert F.
4306 Cambridge Ave. (3)
Phone: JO 2-7352

McPHERSON

35. Ken's Sales & Repair
110 N. Ash St.
36. Lane Supply Co. Inc., Harry
234 Ash St.

MISSION

37. Clements, W. T.
5325 Walmer Lane
Phone: HE 2-6894
38. Inland Assoc.
6047 Howe Dr.
Phone: EN 2-2366
39. Sparks, Charles L.
4718 W. 65th
Phone: HE 2-1464
40. Turner Assoc., David H.
5420 Johnson Dr.
Phone: RA 2-3444

OVERLAND PARK

41. Brent, Clarence H.
6617 W. 77th Terrace
Phone: NI 2-4198
42. Crane Packing Co.
8520 Woodson Dr.
Phone: NI 8-2612
43. Mantell, Willard
9620 Mission Rd.
Phone: NI 8-4386

44. North Amer. Products Corp.
8133 Walmer Lane
Phone: NI 2-4941
45. Precision Rubber Products
Corp.
7212 Conser Dr.
Phone: RA 2-0499
46. Ricketson, J. J.
7914 W. 77th St.
Phone: NI 2-5445
47. Sullivan, A. Wayne
8201 Hemlock
48. Sunnen Products Co.
8806 Eby Dr.
Phone: NI 8-2413
49. Swanson, A.
9517 Hayes
Phone: NI 2-4014
50. Van Dike, E. J.
8133 Walmer Lane
51. Viking Pump Co.
7113 W. 79th St.
Phone: NI 2-6023

PARSONS

52. Haskett & Pedlar Supply
3500 Main St.

PITTSBURG

53. General Machinery & Sup-
ply Co.
302 N. Broadway
Phone: AD 1-1550

PRAIRIE VILLAGE

54. Ajax Electric Salt Bath
Furnaces
4323 W. 67th St. (15)
Phone: HE 2-2901
55. Benson Engrg. Co.
3106 W. 75th St.
Phone: EN 2-2843
56. McCrady, Roy B.
5200 W. 71st St.
Phone: RA 2-2234
57. Walker, Harry R.
P. O. Box 9311 (15)
Phone: EN 2-0922

SALINA

58. Lee Hardware Co.
250 N. Santa Fe St.

SHAWNEE

59. Hirt, Matt F.
11000 Johnson Dr.
Phone: RA 2-3131

TOPEKA

60. Independent Distributing
Co.
812 N. Kansas Ave.
61. Jayhawk Welding Supply
Co.
219 Kansas Ave.
Phone: 4-3078
62. Kansas Power & Light
8th & Kansas
63. Oakite Products Inc.
1530 Medford St.
Phone: CE 4-8319
64. Roach Machinery & Supply
Co.
21st & Lane
65. Salisbury Co., M. B.
114 Quincy St.
Phone: 4-1711

WICHITA

66. Alreo Supply Co.
P. O. Box 638
67. Airtechnics Co.
1630 E. Broadway (11)
Phone: AM 7-2849
68. Allen Welding Equip. Co.
1128-31 N. Moseley (1)
Phone: HO 4-6376
69. Allis-Chalmers
114 S. Main St. (2)
Phone: FO 3-9762
70. Allis Co., The Louis
3159 S. Seneca (13)
Phone: LY 1-3620
71. Aluminum Co. of Amer.
1011 Central Bldg. (3)
Phone: AM 5-4675
72. Assoc. Industries Inc.
455 S. Washington (3)
Phone: HO 4-0991
73. B-R-C Bearing Co. Inc.
816 E. Central
P. O. Box 1200 (1)
Phone: AM 5-0869

SALES OFFICES

74. Baker Engrg. & Equip. Co.
700 W. Douglas
Phone: FO 3-4246
75. Baker Machinery Co., Lewis
963 Emerson Ave. (12)
Phone: 64-1484
76. Benson Engrg. Co.
519 S. Broadway
Phone: AM 2-6971
77. Berry Tractor & Equip. Co.
Inc.
930 S. West St.
P. O. Box 696
Phone: WH 3-4246
78. Bridgeport Brass Co.
307½ Laura St. (11)
Phone: FO 3-1912
79. Hublitz Machinery Co.
3503 W. Harry St.
Phone: WH 3-9374
80. Carrier Corp.
Suite 531, Petroleum Bldg.
221 S. Broadway (2)
Phone: FO 3-9052
81. Cummings & Co.
115 E. Lewis St. (2)
Phone: HO 4-2379
82. D & O Engrg. Co.
1610 E. Harry St.
P. O. Box 3107
Phone: AM 2-3652
83. DeWitt Co., Vlc
911 E. 3rd St.
Phone: HO 4-3782
84. Dorow Machine Tools
311 S. Pattie St. (7)
Phone: HO 4-8304
85. Ellfeldt Machinery & Sup-
ply Co.
312 Laura St.
Phone: AM 7-9733
86. English Bros. Machinery Co.
809 Central Bldg. (2)
Phone: AM 7-1611
87. Ernst-Eichman Machinery
Corp.
323 W. Murdock (5)
Phone: HO 4-6811
88. General Controls Co.
1335 N. Main St. (5)
Phone: AM 7-2843
89. General Electric Co.
200 E. 1st St. (2)
Phone: AM 7-4263
90. H-H Tool & Supply Co.
317 S. St. Francis (2)
Phone: AM 2-4485
91. Haman Machinery & Supply
Inc.
1820 George Washington
Ct.
Phone: MU 3-3725
92. Henry Co., The
6408 E. Kellogg
P. O. Box 3021
Phone: MU 4-1241
93. Hill Electric
2936 E. Douglas
- 93A. Hill, Lawrence L.
1635 Garland Ave.
Phone: AM 7-3850
94. Hub Tool & Supply Co.
105 W. 3rd (2)
Phone: AM 5-5068
95. Industrial Steel & Supply Co.
Inc.
622 E. 3rd St. (1)
P. O. Box 1322
Phone: AM 5-8686
96. Kan. Blue Print Co. Inc.
117 N. Market St. (1)
Phone: HO 4-9344
97. Kemo Inc.
6427 E. Kellogg
Phone: MU 4-8224
98. L. D. Supply Co.
436 Maple St. (12)
Phone: AM 5-9692
99. Lift Truck Sales & Service
Inc.
1205 N. Mosely
Phone: AM 2-3417
100. Luce Industrial Supply Co.
1629 E. Douglas Ave. (7)
Phone: AM 2-6372
101. MacDonald & Co., B. C.
519 S. Broadway, Room 8
(2)
Phone: AM 7-9978

WICHITA (cont.)

102. Mann & Assoc., Claude
2514 E. Douglas Ave. (8)
Phone: MU 2-4579
103. Metals Goods Corp.
2971 S. Madison St. (16)
Phone: AM 5-3191
104. Micro-Switch Div.
2801 S. Madison
Phone: AM 7-5303
105. Midwestern Tool & Supply
300 S. Wichita St. (2)
Phone: AM 5-8681
106. Neel, Buck
Technical Service Engi-
neer
P. O. Box 2195 (1)
Phone: HO 4-1935
107. Northwest Oxygen Inc.
3001 N. Broadway (4)
Phone: HO 4-6760
108. Oakite Products Inc.
811 E. Waterman
Phone: HO 4-6760
109. O'Connor Inc., J. M.
P. O. Box 2253
811 E. Bayley (11)
Phone: AM 2-3484
110. Packaging & Shipping Sup-
plies
139 N. Mead St.
Phone: AM 5-7946
111. Phillips & Easton Supply Co.
238 S. Wichita
Phone: HO 4-3317
112. Reynolds Metals Co.
800 S. Broadway
Phone: AM 7-2235
113. Service Station Supply Co.
201 Ida Ave. (7)
P. O. Box 1658
114. Standard Products Inc.
650 E. Gilbert St.
Phone: AM 2-5161
115. Steele, D. V.
9827 Hardtner Ave. (12)
Phone: AM 2-1454
116. Stephens Machinery Co.,
Robert R.
9830 Par Lane (12)
Phone: WH 2-3611
117. Sullivan-Mears Co., The
307½ Laura
Phone: FO 3-8414
118. Thompson-Hayward Chemi-
cal Co.
P. O. Box 2897
727 E. Osle (2)
Phone: AM 5-9606
119. Tri-State Sales Co.
P. O. Box 3156
Phone: MU 3-0817
120. Watkins Inc.
721 W. 2nd (1)
Box 117
Phone: HO 4-7301
121. Wesco Industrial Supply
1316 W. Douglas (12)
Phone: HO 4-4359
122. West Rubber Stamp Co.
P. O. Box 575 (1)
123. White Star Machinery &
Supply Co. Inc.
720 E. 10th St. (5)
Phone: HO 4-3321
124. Wichita Pump & Supply Co.
133-35 N. St. Francis (2)
Phone: 3-0659 & 3-5511
125. Wilco Inc.
228 S. Wichita (2)
Phone: AM 5-5648
126. Zimmerman, Walter
P. O. Box 3621, Munger
Station (8)
Phone: MU 3-3161

KENTUCKY

ASHLAND

1. Ashland Oil & Refining Co.
1409 Winchester Ave.
2. Williamson Co., Ben
1539 Greenup Ave.

BELLEVUE

3. Webster Machinery Co.
914 Clayton Ct.
Phone: HE 1-4730

CORBIN

4. Corbin Automotive Supply
310 E. Center St.

COVINGTON

5. Borne Co., The
2nd & Court Sts.
Phone: AX 1-5447
6. Britton, S. F.
1503 Henry Clay Ave.
Phone: ED 1-3306

ERLANGER

7. Kepler, Karl E.
350 Timberlake St.
Phone: DI 1-4550

FERN CREEK

8. Zimmermann, John
P. O. Box 66
Phone: CE 9-3315

FLORENCE

9. Hydromat Engrg. Co.
R. R. #1, Box 292C
Phone: AT 2-1247

FORT THOMAS

10. Harris, Byron
55 Mayfield Ave.
Phone: HI 1-8975

FRANKFORT

11. Industrial Supply Co. Inc.
Leestown Rd.

GEORGETOWN

12. Dixie Industrial Supply Inc.
222 E. Main St.
Phone: 1410

HARLAN

13. Hall Equip. Sales Inc.
Phone: 1544
14. Ky. Distributing Co.
353 Main St., S.
Phone: 2669
15. Ky. Mine Supply Co. Inc.
Phone: 1500
16. McComb Supply Co.

HENDERSON

17. Ky. Air Products
Hwy 41 N.

LEXINGTON

18. Berry Corp.
19. Ceder Equip. Co. Inc.
P. O. Box 1541
20. Ernest Equip. & Supply Co.
829 National Ave.
21. General Electric Co.
402 First National Bank
Phone: 4-7032
22. Ky. Supply Co.
964 Delaware Ave.
Phone: 4-3106
23. Lexington Welding Supply
527 Lagonda Rd.
24. Van Deren Hardware Co.
570 W. Main St.
Phone: LE 2-7056
25. Wilson Industrial Supplies
550 W. 4th at Blackburn

LOTHAIR

26. Mine Service Co. Inc.

LOUISVILLE

27. Alemite Co. of Ohio Valley
SE. Corner Floyd & Bur-
nett (8)
28. Allied Tools & Supply Co.
1227 Logan St. (4)
Phone: ME 6-3761
29. Allis-Chalmers
223 E. Burnett Ave. (8)
Phone: ME 7-5478
30. Aluminum Co. of Amer.
1154 Starks Bldg. (2)
Phone: JU 7-7456
31. Arco Engrg. Co.
3135 S. Preston Ave. (13)
32. Bade, Fritz A.
51 Hill Rd.
Phone: GL 1-6749
33. Bearings Inc.
216 Warnock St.
Phone: ME 7-1445
34. Bellows-Valvair
660 S. 5th St. (2)
Phone: JU 4-4011
35. Black & Decker
4001 Crittendon Dr. (9)
Phone: EM 8-4731
36. Bohnert Equip. Co.
104 W. Main St. (2)
Phone: JU 4-8465
37. Boxer Machine Co., The
1379 S. 7th St. (8)
Phone: MA 7819
38. Bridgeport Brass Co.
4016 Frankfort Ave. (7)
Phone: TW 5-3478
39. Buckman Tool & Supply Co.
413 Central Ave. (15)
Phone: ME 7-5459
40. Cardinal Carryor Co.
930 E. Mason St. (4)
Phone: JU 7-0756
41. Ceder Inc., Martin A.
P. O. Box 1443
2320 W. Market St. (1)
42. Clark Electric Service
713 S. 26th St.
Phone: SP 8-1676
43. Cleveland Tramrail Louis-
ville Co.
104 W. Main St. (2)
Phone: JU 3-1341
44. Coleman & Son, T. C.
Heyburn Bldg. (2)
Phone: JU 4-1918
45. Control Products Co.
P. O. Box 56 (16)
Phone: JU 4-4900
46. Craig & Assoc., R. L.
195 Colong Way
Phone: TW 6-6464
47. Crane Packing Co.
132 St. Matthews Ave. (7)
Phone: TW 5-8606
48. Crush Co., Albert B.
1600 W. Market St. (3)
Phone: JU 4-4266
49. Cutler-Hammer Inc.
195 Colony Way (7)
Phone: TW 5-9572
50. Davis, Richard
312 Primrose Lane
Phone: WO 9-5705
51. Demko, Daniel M.
1103 LaVista Way
Phone: WO 9-5705
52. Desautels Co., George O.
4003 Hycliff Ave. (7)
Phone: TW 3-7550
53. Dixie Bearings Inc.
215 S. Floyd St.
Phone: JU 3-2275
54. Dixie Solvents & Chemicals
Co.
Dixie Hwy. at Appleton
Lane (16)
Phone: EM 8-5828
55. E. & H. Electric Supply Co.
626 S. 12th St. (3)
Phone: JU 7-0991
56. Electric Blue Print & Sup-
ply Co.
635 S. 5th St. (2)
Phone: JU 4-2265
57. Embry Bos. Inc.
Park Dr. (16)
Phone: EM 8-5821
58. Ex-Cell-O Corp.
2311 Bardstown Rd.
Phone: GL 2-1012
59. Finishing Equip. Co.
719 S. Preston St. (1)
Phone: JU 3-7571
60. Fink Equip. Co.
1045 Bardstown Rd. (4)
Phone: HI 6222
61. Gardner-Denver Co.
2003 Crum's Lane - Shive-
ly (16)
P. O. Box 38
Phone: EM 3-2679
62. General Box Co.
16th & Maple Sts. (1)
Phone: JU 7-9961
63. General Electric Co.
1216 Starks Bldg. (2)
Phone: JU 4-6334
64. General Rubber & Supply
Co.
3118 Preston Hwy.
Phone: ME 5-2606
65. Glipperich, Jr., Charles
P. O. Box 386 (1)
Phone: GL 4-4036
66. Gleaves, Sam T.
2206 Wadsworth Ave. (5)
Phone: GL 8-2881
67. Graft-Pelle Co. Inc.
309 W. Main St. (2)
Phone: JU 2-2366

KENTUCKY

SALES OFFICES

KENTUCKY

LOUISVILLE (cont.)

68. Halliday Co. Inc., The Alfred
719-721 S. Preston St. (1)
P. O. Box 756
Phone: JU 2-2462
69. Hanson-Van Winkle-Mun-
ning Co.
P. O. Box 14 (18)
Phone: JU 3-7042
70. Hashek, John
2216 Brighton Dr. (5)
Phone: GL 8-8443
71. Hughes, Lee B.
1200 Park Hills Ct. (7)
Phone: TW 5-0968
72. Hunter Spring Co.
3032 Dale Ann Dr. (7)
Phone: GL 8-9944
73. Industrial Equip. Co.
7th & Myrtle Sts. (8)
Phone: ME 5-5201
74. J&L
Heyburn Bldg. (2)
3307 Camp Ground Rd.
(11)
Phone: SP 4-2313
76. Jervis - Webb Co.
4418 Poplar Level Rd. (13)
Phone: GL 2-2661
77. Ky. Bearing Service Inc.
1524 Algonquin Parkway.
Phone: ME 6-2571
78. K1 Weld Supply Co.
1510 Mellwood Ave. (6)
Koehler Stamp & Sta. Co.
402-404-406 W. Main St.
80. Kregor Co., P. J.
4411 Lincoln Rd. (5)
Phone: JU 2-1613
81. Laib Supply Co.
1819 S. Brook St. (8)
Phone: ME 7-2581
82. Laise Co., William J.
800 E. Fehr Ave.
Phone: JU 3-8306
83. Lewis Industrial Supply Co.
5755 Preston Hwy.
P. O. Box 1441
Phone: WO 9-1323
84. Lightfoot, Richard
219 S. Birchwood
Phone: TW 3-5960
85. Louisville Machinery Sales
Co.
212 Eller Ave. (14)
Phone: EM 6-1438
86. Louisville Mill Supply Co.
520 S. 15th St. (3)
Phone: JU 3-3875
87. Louisville Saw Works
934 W. Oak St.
Phone: ME 7-5333
88. Lynn-Grace & Assoc.
366 Francis Bldg.
Phone: JU 3-6162
89. Marcus Paint Co., Edward
235 E. Market (2)
Phone: JU 5-5171
90. Marrick Co. Inc., The
1152 Bardstown Rd. (4)
Phone: GL 1-4811
91. Marschke & Sons Inc., W. A.
3311 S. 7th St. Rd. (16)
Phone: ME 7-2513
92. Mather Hardware & Supply
4508 Park Blvd. (9)
Phone: EM 3-3576
93. McCune, N. C.
2327 Manchester Rd. (5)
Phone: GL 8-1736
94. McGuire & Co., C. L.
137 St. Matthews Ave. (7)
Phone: TW 6-8743
95. Moldovan, Harry
1808 Woodfield Rd. (7)
Phone: AN 7-1542
96. Moore Products Co.
131 Breckenridge Lane (7)
Phone: TW 5-9073
97. National Refining Co.
900 Dumesnil St.
Phone: ME 5-5256
98. Neill-LaVie Supply Co.
2211 S. Brook St. (6)
P. O. Box 1703
Phone: ME 7-5461
99. Oakite Products Inc.
839 Commonwealth Bldg.
4th & Broadway (2)
Phone: JU 7-1321
100. Offutt, J. Paul
4003 Hycliffe Ave. (7)
Phone: TW 3-7550
101. Oglesby Supply Co.
432 E. Broadway
Phone: JU 4-7343
102. Orr Safety Equip. Co.
300 E. Main St.
Phone: JU 2-1679
103. Palfreeman, R. A.
191 E. Broadway (13)
Phone: CL 8845
104. Plant Equip. Co.
Box 101
4407 Louisville Ave. (9)
Phone: EM 3-2671
105. Preiser Co., B.
949 S. 3rd St.
Phone: ME 4-1581
106. Reichhold Chemicals Inc.
317 Wallace Ave. (7)
Phone: TW 5-5253
- 106A. Reliance Electric & Engrg.
Co.
134 Breckenridge Lane
Phone: TW 6-6176
107. Republic Steel Corp.
496 Starks Bldg. (2)
Phone: JU 2-1609
108. Reynolds Metals Co.
2000 S. 9th St. (Plant 14)
(1)
Phone: ME 4-1581
109. Richard Equip. Co.
633 S. 5th St.
Phone: JU 2-1191
110. Rietze Co., The
2209 S. Floyd St. (17)
Phone: ME 7-3603
111. Rotor Tool Co., The
660 S. 5th St.
Phone: JU 2-1191
112. Schenk Tool Agency
1119 Lehigh Ave. (15)
Phone: EM 3-2947
113. Schmitt Co., Robert L.
306 E. Main St. (2)
Phone: JU 7-0732
114. Scott Industrial Equip. Co.
660 S. 5th St.
Phone: JU 3-2238
115. Sherman Brothers Mill Sup-
ply Inc.
745 E. Jefferson St. (2)
Phone: TW 5-7346
116. Shinkle, Glenn L.
54 Winifrede Lane (6)
Phone: TW 5-7346
117. Simpson, Harold
Sherry Lane, Fern Creek
Phone: CE 9-5447
118. Sinclair Refining Co.
P. O. Box 1320 (2)
Phone: GL 1-7909
119. Snap-on Tools Corp.
1609 Eastern Parkway. (4)
Phone: GL 1-7909
120. Standard Die Supply of Ky.
2107 S. Floyd St.
Phone: ME 5-6355
121. Standard Oil Co. of Ky.
Phone: Sales Office ME 7-
1421, Home Office JU 7-
7471
122. Sterling Electric Motors Inc.
P. O. Box 396 (1)
Phone: GL 4-4036
123. Stone Supply Co., J. J.
306 E. Market St.
Phone: SP 6-4681
124. Sun Oil Co.
304 W. Liberty St. (2)
Phone: SP 6-4681
125. Syntrol Cincinnati Sales Co.
2416 Frankfort Ave. (6)
Phone: TW 6-9616
126. Truecast Div. Pointer Tool
Co.
1379 S. 7th St. (8)
Phone: ME 5-5811
127. Uland Rubber & Supply Co.
301 E. Market St. (2)
Phone: JE 3-4414
128. Vascology-Ramet Corp.
219 S. Birchwood Ave.
Phone: TW 3-5960
129. Weber Co., Charles
536 Eastern Parkway.
P. O. Box 13
Phone: ME 7-2574
130. Wilhelm Tool Agency
1551 Bardstown Rd.
Phone: HI 4811

LOUISVILLE (cont.)

131. Williams & Co. Inc.
1109 S. Preston St. (3)
Phone: JU 3-7781
132. Wood Co., Henry M.
P. O. Box 5167, Cherokee
Station (5)
Phone: GL 4-5840

LUDLOW

133. Riggs Engrg.
P. O. Box 133
Phone: HE 1-5362

MADISONVILLE

134. Austin Powder Co.
29 Federal St.
135. Bearings Service Co. Inc.
57 W. Center St.
Phone: TA 1-6576

MIDDLESBORO

136. Rogan & Rogan

MIDDLETOWN

137. Ellis Industrial Sales
P. O. Box 61
204 Woodview Circle
Phone: CH 5-5918
138. Pratt Co., Ray W.
P. O. Box 61
Phone: CH 5-5918

MOUNT VERNON

139. Hopkins Machine & Supply
Co.
R. #1, Box 201

NEWPORT

140. Champion Industrial Sup-
plies
509 W. 7th St.
Phone: AX 1-5235

OWENSBORO

141. Green River Steel Corp.
Phone: MU 4-4251
142. Ky. Bearing Service Inc.
710 E. 4th St.
Phone: MU 3-8272
143. Tri State Supply Co.
1701 Triplett St.
Phone: MU 4-2313
144. Wright Machine Co. Inc.
321 E. 2nd St.
P. O. Box 515

PADUCAH

145. Delta Oxygen Co. Inc.
321 Washington St.
146. Hannan Supply Co.
Phone: 5-5456
147. Paducah Bearing Service
1044 Broadway
148. Ohio Valley Supply Co.
9th Harrison
P. O. Box 1120
Phone: 3-3606
149. Petter Supply Co., Henry A.
117 S. 1st St.
P. O. Box 360
Phone: 3-2441

FRESTONSBURG

150. May Co., R. V.
South Lake Dr.
U.S. Route #23
Phone: 3347

SOUTH FORT MITCHELL

151. Strother, Frank
2949 Amelia Dr.
Phone: ED 1-2615

LOUISIANA

ALEXANDRIA

1. Brown-Roberts Hardware &
Supply Co. Ltd.
1810 3rd
2. General Electric Co.
720 Murray St.

BAKER

3. Cross Sales & Engrg. Co.
P. O. Box 6
Phone: WE 3-1892

BATON ROUGE

4. Action Welding Supply Co.
5373 Choctaw Dr.
Phone: EL 7-0661
5. Adams & Co., L. B.
530 N. 49th St.
Phone: DI 4-0363

6. Airetool Mfg. Co.
433 Bellewood Dr.
Phone: WA 1-0573
7. Behring's Bearing Service
2884 Weller Ave.
Phone: EL 5-5062
8. Bridgeport Brass Co.
6453 Choctaw Dr. (8)
Phone: EL 7-9805

9. Cleco Air Tools
3425 N. Acadian Thruway
Phone: EL 6-2563
10. Condit Co. Inc., Paul
P. O. Box 493
11. Crane Packing Co.
9382 W. Pomona
Phone: WA 1-8214
12. Dixie Bearings Inc.
2905 Weller Ave.
Phone: EL 7-2257
13. Dow-Corning Corp.
635 Laurel St.
Phone: DI 8-3766

14. General Electric Co.
3170 Florida Blvd. (6)
15. Gregory-Salisbury & Co.
235 Wabash Ave.
Phone: DI 2-2873
16. Gulf Supply Co.
Box 2448
17. Harper Supply Co.
P. O. Box 2943, Istrouma
Sta.
2635 Choctaw Dr.
Phone: EL 5-8844
18. Hughes Co., Stanley
P. O. Box 1932
6545 Kerr St.
Phone: EL 7-6038

19. Industrial Hardware & Sup-
plies Inc.
1724 Choctaw Rd. (2)
P. O. Box 2351
20. J & D Engrg. Sales
P. O. Box 14663, South East
Station
Phone: DI 4-4481

21. Leeds & Northrup Co.
Phone: DI 3-4065
22. Levinsington Supply Co. Inc.
P. O. Drawer 2670
1449 Florida
23. Louisiana Bearing Inc.
2864 Weller St.

24. Louisiana Supply Co. Inc.
1412 Airline Hwy.
Phone: EL 6-1376
25. La. Welding Supply Co.
1931 Plank Rd. (2)
26. M & L Supply Co.
5236 Underwood Ave.
Phone: EL 5-3369

27. Moody-Price Inc.
2966 Lupine St. (5)
P. O. Box 3097
Phone: EL 7-6416
28. Pneumatic & Hydraulic Co.
P. O. Box 352
Phone: EL 6-1918

29. Resistoflex Corp.
Box 3321 (5)
Phone: DI 4-3551
30. Standard Supply & Hard-
ware Co. Inc.
P. O. Box 909
31. Staus and Haas Inc.
Box 944

32. Van Horn Co. Inc., Oliver H.
6301 Choctaw Dr.
P. O. Box 108
Phone: EL 6-1357 - 1358 -
1359

33. Welders Supply Co.
2239 Scenic Hwy.

CHALMETTE

34. Ohio Seamless Tube
82 W. Claiborne Square
Phone: ED 1-4095

HARVEY

35. Doussan Tool & Supply Co.
566 Peters Rd.
Phone: FO 6-9666
36. Standard Supply & Hard-
ware

KENNER

37. Blackman Jr., J. T.
2611 Kentucky St.
Phone: KE 71-2289

LAFAYETTE

38. Braun Welding Supply
2115 Jefferson St.

LAKE CHARLES

39. Behring's Bearing Service
915 3rd Ave.
Phone: HE 9-9061
40. Bryan Co., Mac B.
700 Cusic St.
Phone: GR 7-3238
41. General Electric Co.
P.O. Box 5212
422 7th St.
42. La. Supply Co. Inc.
Drawer 1481
Phone: HE 6-6611
43. Murray-Brooks Inc.
900 Mt. Hope St.
P.O. Box 855
Phone: HE 3-3651
44. Oakite Products Inc.
P.O. Box 842
Phone: HE 6-1600
45. Southern Supply Co.
429 Ryan St.
46. Standard Supply & Hardware.

METAIRIE

47. Emerson Co., A. A.
2501 Elizabeth Ave.
Phone: VE 5-1695
48. Factory Sales & Engrg. Inc.
512 N. Causeway Blvd.
Phone: VE 3-1843
49. Fafnir Bearing Co., The
1015 Francis Ave.
Phone: VE 3-5390
50. Industry Services Inc.
P.O. Box 364
3714 Airline Hwy.
Phone: VE 5-2683
51. Roussel, Leo L.
P.O. Box 9067
Phone: JA 2-0702
52. Sherman & Co., Delmar C.
3720 Tartan Dr.
Phone: VE 5-2282
53. Snap-on Tools Corp.
2319 Metairie Rd.
Phone: VE 5-3188

MONROE

54. Monroe Bearing & Supply Co.
406 Olive St.
55. Murco Inc.
507 N. 17th St.
Phone: 5-2363 & 3-9091
56. Shaw Oxygen Co.
1928 DeSiard St.
57. Tool House Inc.
600 N. 4th St.
58. Weeks Supply Co. Ltd.
200 N. 4th St.
P.O. Box 1572
Phone: FA 3-8821

MORGAN CITY

59. Welders Supply Co.
P.O. Box 781

NEW IBERIA

60. Iberia Supply Inc.
P.O. Box 976
Phone: EM 4-4104-5
61. Standard Supply & Hardware
62. Welders Supply Co.
1865 E. Main St.
Phone: 685

NEW ORLEANS

63. Acme Steel Co.
860 St. Charles Ave. (12)
Phone: JA 2-0886
64. Acme Welding Supply Co.
219 Tchoupitoulas St.
Phone: CA 5111
65. Ajax Machine Works
3133 Tchoupitoulas St.
(15)
Phone: TW 5-5761
66. Alemite Co.
821 St. Charles Ave. (13)
67. Allied Sales & Service
4376 State St. Dr.
Phone: UN 6-2320
68. Allis-Chalmers
210 Baronne St. (12)
Phone: JA 5-8623
69. Allis Co.; The Louis
330 S. Miro St.
Phone: EX 2282
70. Aluminum Co. of Amer.
627 Whitney Bldg. (12)
71. Anderson Co., R. P.
201 Board of Trade Annex
72. Associated Manufacturers Agents
900 Carondelet St. (12)
Phone: CA 6287
73. Baldwin & Son, Lawrence J.
306 Carondelet Bldg. (12)
Phone: RA 6705
74. Barron, O. E.
621 Commercial Pl. (12)
Phone: JA 2-3101
75. Bellows-Valvair
4010 Eden St. (25)
Phone: UN 6-3680
76. Betz Engrg. Sales Co.
P.O. Box 5197
Phone: TW 5-8691
77. Butler, J. Samuel
1211 Valence St.
78. Butler & Land Inc.
1122 Dryades St. (13)
Phone: TU 0685 & 0689
79. By-Pel Equip. Co.
4037 Palmyra St. (19)
Phone: AM 2672
80. Carrier Corp.
265 Caribe Bldg.
2475 Canal St. (19)
Phone: JA 5-8294
81. Century Electric Co.
501 North Street, Patrick St. (19)
Phone: GA 3105
82. Chainveyor Corp.
10 Neron Pl. (18)
Phone: UN 6-5135
83. Chase Brass & Copper Co.
1600 S. Jefferson Davis Parkwy. (25)
P.O. Box 13278
Phone: AM 5441
84. Chicago Pneumatic Tool Co.
3303 Tulane Ave.
Phone: GA 5715
85. Church-Dalling Co.
321-322 Carondelet Bldg. (12)
Phone: JA 5-5612
86. Clark Equip. Co.
7838 Earhart Blvd. (8)
Phone: UN 6-1876
87. Cleveland Tramrail New Orleans Co.
4040 Veterans Memorial Hwy. (18)
Phone: VE 5-3554
88. Clingman, C. R.
306 Pere Marquette Bldg.
Phone: MA 6316
89. Coate Equip. Co. Inc.
1519 Tchoupitoulas St. (13)
Phone: JA 5-1276
90. Corrigan, Jr., Charles E.
1210 St. Charles Ave. (12)
Phone: JA 5-5644
91. Creole Engrg. Co.
P.O. Box 12115
Phone: JA 5-0862
92. Curtin & Co., W. H.
621 Celeste
P.O. Box 1491
Phone: TU 0475
93. Cutler-Hammer Inc.
833 Howard Ave. (12)
Phone: EX 3452
94. Davies, H. R.
Pere Marquette Bldg.
Phone: JA 5-7417
95. Daystrom Inc.
407 Carondelet St. (12)
Phone: JA 5-9794
96. Dell, V. Kittredge
6123 Clara St. (15)
97. Dietzgen Co., Eugene
318 Camp St. (12)
Phone: JA 5-7121
98. Dillon Machinery, Patrick H.
524 Howard Ave. (12)
Phone: JA 5-1214
99. Dixie Bearings Co.
401 Howard St.
Phone: MA 6363

NEW ORLEANS (cont.)

100. Dixie Mill Supply Co. Inc.
901 Tchoupitoulas St. (6)
P.O. Box 5
Phone: JA 5-6101
101. Doussan Tool & Supply Co.
1100 Tchoupitoulas St. (13)
P.O. Box 1288
Phone: EX 2461
102. Eggelhof Engineers Inc.
4524 Thalia St.
P.O. Box #13186
Phone: UN 6-4548
103. Erichson, Fred M.
5705 St. Roch Ave. (22)
Phone: FA 2454
104. Esso Standard Oil Co.
1410 Canal St. (16)
Phone: MA 6781
105. Fairbanks Morse & Co.
1000 St. Charles Ave. (13)
Phone: TU 4623
106. Frederic & Baker
725 Canal Bank Bldg.
107. Gardner-Denver Co.
7735 Edinburgh St. (25)
P.O. Box 13155
Phone: HU 6-3756
108. General Controls Co.
348 Baronne St.
Phone: TU 8247
109. General Electric Co.
837 Gravier St. (12)
110. General Mill Supplies Inc.
1049 Annunciation St. (13)
111. Glazer Steel Co.
1565 Tchoupitoulas St.
112. Glidden Engrg. & Equip. Co.
221 Diane Ave. (23)
P.O. Box 4063
Phone: KE (21) 70641
113. Gregory-Salisbury & Co.
82 Julia St.
Phone: TU 5207
114. Gulf Oil Corp.
127 Elk Pl. (12)
Phone: TU 4292
115. Gulf Welding Equip. Co.
3033 Tchoupitoulas (15)
Phone: TW 5-3033
116. Gweco Inc.
P.O. Box 455 (15)
117. Haas & Associates, Edgar J.
P.O. Box 637 (7)
118. Harold Rubber Co., C. V.
1901 Poydros St.
Phone: JA 2-5171
119. Harris Co., Allan J.
400 Balter Bldg. (12)
Phone: TU 0126
120. Hewitt-Robins
109 Cambridge Ct., Aurora Gardens (14)
Phone: FO 1-4764
121. Hughes, Jr., William L.
411 Marine Bldg. (12)
Phone: JA 5-0679
122. Hyster Sales & Service
327 N. Diamond St. (12)
Phone: TU 8601
123. I-T-E
1500 Carondelet St.
Phone: JA 2-3643
124. Industrial Bearings Inc.
1423 Annunciation St. (13)
125. Industrial Machinery Inc.
1201 S. Gayoso St.
P.O. Box 13368
Phone: TU 1271
126. Ingersoll-Rand Co.
960 S. Genois St. (25)
Phone: AU 0885
127. J&L
413 Delta Bldg.
348 Baronne St. (12)
128. Johns-Manville Sales Corp.
2400 Canal St. (19)
- 128A Johnston Co., F. N.
831 Howard Ave.
Phone: TU 1792
129. Jones-Philibert & Co.
358 Sauve Rd. (23)
Phone: KE 4-6471
130. Kefauver, Wm. R.
1229 Brockenbraugh Ct. Metairie
131. Linde Co.
4833 Conti St. (19)
132. Liquid Carbonic Div.
627 Felicity St. (12)
Phone: TU 7591

LOUISIANA

133. Logan Co.
201 St. Clair Bldg.
3709 S. Carrollton Ave. (18)
Phone: HU 2-3131
134. La. Elevator Corp.
514 Magazine St. (13)
135. Maguire Co., J. P.
3144 Paris Ave. (19)
Phone: EV 2392
136. Malter Supply Co.
545 Magazine St.
Phone: JA 5-9187
137. McCabe, Jim
2936 Conti St. (19)
Phone: GA 8546
138. McLellan Equip. Co.
P.O. Box 238
2375 Tchoupitoulas St. (13)
Phone: TU 3415-6
139. Metal Goods Corp.
432 Julia St. (9)
P.O. Box 286
Phone: JA 2-7373
140. Michelli, G. T.
4037 Palmyra St. (19)
Phone: AM 2672
141. Mid-South Sales Co.
4424-B Earhart Blvd. (25)
Phone: TU 4683
142. Mooney Equip. Co.
P.O. Box 3294
2704 St. Claude Ave. (17)
143. Moore Co., Earl K.
5864 Louisville St. (24)
Phone: AU 2407
144. Moore Products Co.
3629 S. Carrollton Ave. (18)
Phone: AM 1771
145. Mueller Brass Co.
504 Delta Bldg. (12)
Phone: EX 1-866
146. Murray Supply Co., Edgar
232 Canal St. (6)
P.O. Box 74
Phone: TU 0481
147. Nelson Stud Welding Div.
6301 Chef Menteur Hwy.
Phone: WH 3-8282
148. New Orleans Stamp & Stencil
330 Camp St. (12)
149. Oakite Products Inc.
1421 S. Peters St. (13)
Phone: EX 4471
150. Odendahl, P. E.
340 S. Diamond St. (12)
Phone: JA 2-5724
151. Patterson Co. Inc., C. T.
800 S. Peters St. (7)
Phone: JA 5-4211
152. Queen, M. L.
Room 519 Int'l Trade Mart (12)
Phone: MA 6995
153. Reichhold Chemicals Inc.
Room 235, International Trade Mart
124 Camp St. (12)
Phone: JA 5-6695
154. Reliance Machinery & Supply Co.
217 S. Peters St.
155. Republic Steel Corp.
925 Howard Ave. (12)
Phone: JA 5-6193
156. Revere Copper and Brass
923 Howard Ave. (12)
Phone: JA 5-4259
157. Reynolds Metals Co.
Suite 317, Pan American Life Ins. Bldg.
2400 Canal St.
Phone: TU 5482
158. Richard & Holmes Machinery Inc.
1124 S. Liberty St. (13)
Phone: JA 5-7281
159. Rivera, M. Morin
1300 N. Broad St. (19)
Phone: GA 1161
160. Robbins & Robbins
1037 Magazine St. (13)
Phone: JA 2-5805
161. Ross-Wadick Supply Co.
333 Lafayette St. (12)
Phone: MA 1444

SALES OFFICES

LOUISIANA

NEW ORLEANS (cont.)

162. Ryan, A. R.
5439 Eads St.
Phone: FA 2125
163. St. Cyr Equip. Co.
1215 Decatur St. (16)
Phone: JA 2-0714
164. Service Supply & Engrg. Co.
1048 Constance St. (13)
Phone: CA 8854
165. Sintex Sales Engineers Inc.
332 S. Diamond St. (12)
Phone: JA 2-2882
166. SKIL Corp.
3501 Tchoupitoulas St.
(15)
Phone: TW 5-6300
167. Southeast Distributors
3914 Howard Ave.
168. Southern Mill Supplies
3258 Chippewa St. (25)
P.O. Box 13101
Phone: TW 5-0361
169. Southern Saw & Repair Co.
709 4th St. (13)
Phone: TW 5-1189
170. Standard Supply & Hardware Co.
822-866 Tchoupitoulas (7)
Phone: JA 2-6641
171. Stauss & Haas Inc.
524 Camp St. (12)
Phone: JA 5-4301
172. Stratton-Baldwin Co.
700 Tchoupitoulas
173. Summerill Stainless Tube Div.
82 W. Claiborne Square
Chalmette
Phone: ED 1-4095
174. Syntrol New Orleans Sales Co.
4417 Earhart Blvd. (25)
Phone: HU 2-3762
175. Texaco Inc.
1501 Canal St. (16)
Phone: TU 8511
176. Thompson-Hayward Chemical Co.
P.O. Box 4068, Station F
7700 Earhart Blvd. (18)
Phone: UN 6-8686
177. Tricon Co., R. J.
747-55 Tchoupitoulas St.
(12)
Phone: RA 3228
178. Twin Disc Clutch Co.
254 St. George Ave. (21)
Phone: VE 5-6467
179. U. S. Gypsum Co.
3308 Tulane Ave.
Phone: AM 5716
180. Universal Marion Supply Co.
510 Carondelet Bldg.
181. Van Horn Co. Inc., Oliver H.
1742 St. Charles Ave. (1)
Phone: JA 2-8631
182. Vascology-Ramet Corp.
411 Marine Bldg. (12)
Phone: JA 5-0679
183. Wand Rubber Stamp Works
740 Union St. (12)
184. West Chemical Products
1226 Montegut St. (17)
185. Westinghouse Electric Supply
2538 Poydras St.
Phone: TU 5411
186. Weston, Clem W.
1124 Burgundy St.
Phone: MA 6226
187. Woodward Wight & Co. Ltd.
451 Howard Ave. (9)
P.O. Box 370
Phone: TU 2471

SHREVEPORT

188. Allis-Chalmers
624 Travis St. (23)
Phone: 2-3274
189. Bearing & Transmission Co.
P.O. Box 7276
214 N. Market St.
Phone: 3-0501
190. Burns Troy Co.
619 Milam St.
Phone: 2-4185

191. Butler & Land Inc.
1845 Line Ave.
Phone: 2-0697
192. Coastal Plains Supply Co.
320 Recou St.
193. Colossus-Midland Belting & Supply Co.
213 Airport Dr.
194. Crane Co.
1320 Winston St.
Phone: 3-4231
195. Cutler-Hammer Inc.
1020 Creswell St.
Phone: SH 4-6843
196. Diaston Div.
491 Albert Ave.
Phone: UN 1-1000
197. Dykes Co. Inc., The
P.O. Box 1763
Phone: 3-3502
198. Eggelhof Engineers Inc.
753 Gladstone St.
P.O. Box 44056
Phone: UN 1-2451
199. Frederic & Baker
P.O. Box 1282
100 Edwards St. (91)
Phone: 5-7455
200. General Electric Co.
206 Beck Bldg.
201. Harris-Frederic & Co. Inc.
100 Edwards St.
P.O. Box 1282
Phone: 5-7455
202. Heller Tool Co.
Hawn Ave. & Simonds Dr.
Phone: 3-8685
203. Hewitt-Robins
831 Gladstone
Phone: 8-1896
204. Hollis & Co.
241 Montgomery St.
Box 7337
Phone: 4-9057
205. Hughes Oxygen Co.
440 Fortson St.
206. Oakite Products Inc.
P.O. Box 1781
1602 Southern Ave. (15)
Phone: 2-3177
207. Peerless Supply Co. Inc.
701 Spring St.
P.O. Box 36
Phone: 4-1451
208. Red Ball Battery & Supply Co.
609 N. Market St.
209. Rhodes, Val H.
516 Kirby Pl.
Phone: 7-5935
210. Richards Machinery & Supply Co.
200 Edwards St. (98)
P.O. Box 1482
Phone: 2-0331
211. Simonds Abrasive Co.
Hawn Ave. & Simonds Dr.
Phone: 3-8685
212. Somner Co. Inc., The W. L.
P. O. Box 82
419 Lake St.
213. Stout Inc., Curtis H.
409 Fairfield Bldg.
Phone: SH 5-5485
214. Thompson-Hayward Chemical Co.
219 Beech St. (Agurs)
Phone: 3-4992
215. Tri-State Elevator Co.
1635 Texas Ave.
216. United Gas Corp.
P.O. Box 1407
217. Van Horn Co. Inc., Oliver H.
228 Spring St.
P.O. Box 1654
Phone: 2-2173
218. Weeks Supply Co. Ltd.
1617 Texas Ave.
Phone: 3-8436
219. Weston, Walker
494 Oakley Dr.
Phone: 8-1834

THIBODAUX

220. Sintex Sales Engineers
106 Spruce St.
Phone: 7581

WEST MONROE

221. Colossus Industries Inc.
P. O. Box 545

MAINE

AUBURN

1. Me. Oxy-Acetylene Supply Co.
Adams St.
2. Matthews Machinery Co., W. D.
885 Center St.
Phone: Lewiston 4-5759
3. Tek Bearing Co. Inc.
138 Center St.
Phone: Lewiston 4-5446

AUGUSTA

4. Allis-Chalmers
269½ Water St.
Phone: MA 3-4769
5. Burke, Arthur F.
8 Manley St.
Phone: MA 2-1244
6. General Electric Co.
152 State St.
Phone: MA 2-0201

BANGOR

7. Boulter & Son Inc., J. J.
349 Harlow St.
8. Bragg & Son, N. H.
74 Broad St.
Phone: 7311
9. Dunning & Co., R. B.
54 Broad St.
P. O. Box 933
Phone: BA 6461
10. General Electric Co.
P.O. Box 778
77 Central St.
Phone: 4144
- 10A. Reliance Electric & Engrg. Co.
Columbia Market Bldg.
96 Harlow St.
11. Snow & Nealley Co.
84 Exchange St.
12. Tek Bearing Co.
689 Hammond St.
Phone: BA 2-4813

BREWER

13. Leen Co., Stanley J.
54 Wilson St.
Phone: 9416

CAPE ELIZABETH

14. Oakite Products Inc.
16 W. View Rd.
Phone: SP 4-4835

CORHAM

15. Miller Assoc. Inc., Stewart
P. O. Box 55

LEWISTON

16. Hall & Knight Hardware
53 Elizabeth St.
17. Lewiston Welding Co.
44 Hammond St.

MECHANIC FALLS

18. Fenney & Sons Co., J. W.
Phone: Mechanic Falls 3111

OLD ORCHARD BEACH

19. Peckham Jr., C. D.
75 Temple Ave.

PORTLAND

20. Bearings Specialty Co. of Portland
18 Bedford St.
Phone: SP 3-3843
21. Blake & Co., W. L.
79-85 Commercial St.
Phone: SP 3-6426
22. Corey & Co., E.
65 W. Commercial St. (1)
23. Crosby & Siegars
P.O. Box 654
Phone: SP 4-1481
24. Designers for Industry Inc.
465 Congress St.
Phone: SP 3-4390
25. Dyer Co., Loren
320 Commercial St.
Phone: SP 3-4741
26. Edwards & Walker Co.
5 Monument Square
Phone: SP 3-8151
27. Gould Equip. Co.
P.O. Box 1611 (3)

28. Harris Co., The
188 Commercial St.
P. O. Box 446
Phone: 4-1401
29. Hazelton Co., R. C.
P. O. Box 758
Phone: VA 9-5503
30. Hopkins, Paul S.
37 Jackson St.
Phone: SP 4-5267
31. Long Assoc. Inc., Lee H.
15 Buttonwood St., S.
Phone: SP 2-0900
32. Sargent, Lord & Co.
Box 1238 (1)
33. Soule Glass & Paint Co.
137 Preble St.
Phone: Spruce 2-0145
34. Sun Oil Co.
93 Kensington St. (3)
Phone: SP 3-6467

ROCKLAND

35. Bicknell, W. K. & D. P.
Lime St.
Phone: 1730

SOUTH PORTLAND

36. Whitte Co. Inc., James
100 Main St.
Phone: SP 2-3621

WESTBROOK

37. Stultz Electric Works
821 Main St.
Phone: UL 4-2501

MARYLAND

ADELPHI

1. Davis Co., R. G.
3313 Power Mill Rd.
Phone: WE 5-5282

ANNAPOLIS

2. Fatnir Bearing Co., The
Sunset Dr., Hillmere
Shores
Phone: EN 9-6300

BALTIMORE

3. Acme Steel Co.
1629-33 Thames St. (31)
Phone: OR 5-3335-6
4. Addison Clarke & Brothers
P.O. Box 6336
Phone: PL 2-4964
5. Ajax Electric Salt Bath
Furnaces
4313 Elderon Ave. (15)
Phone: FO 7-6799
6. Alemite Co. of Md.
2725 Sisson St. (11)
7. Allied Research Prod. Inc.
4004-06 E. Monument St.
(5)
Phone: PE 2-9070
8. Allis-Chalmers
1115 E. 30th St. (18)
Phone: HO 7-4480
9. Aluminum Co. of Amer.
Commercial Credit Bldg.
(2)
10. Alverson Engrg. Sales Co.
1623 Mathieson Bldg. (2)
Phone: MU 5-8291
11. Amer. Tool Co.
1723 Maryland Ave. (1)
Phone: MU 5-1150
12. Anderson & Ireland Co., The
111 Light St. (3)
Phone: LE 9-6390
13. B-R Engrg. Co.
32 E. 21st St. (18)
14. Baker, Wm. L.
5807 Woodcrest Ave. (15)
Phone: FO 7-6740
15. Barry & Son Co. Inc.
4705 Erdman Ave. (5)
Phone: OR 5-5550
16. Bearings Inc.
1901 N. Howard St.
Box 1672
Phone: VE 7-4700
17. Bellows-Valvair
5600 Hartford Rd. (14)
Phone: CL 4-4373
18. Benson Co. Inc., L. A.
3707 E. Monument St. (5)
P.O. Box 2137
Phone: PL 2-0340

SALES OFFICES

MARYLAND

BALTIMORE (cont.)

19. Bethlehem Steel Co.
Commercial Credit Bldg.
300 St. Paul Pl. (3)
Box 388
Phone: MU 5-5700
20. Black & Decker
203 W. 28th St. (11)
Phone: HO 7-7411
21. Brass & Copper Supply Co.
501 W. 23rd St. (11)
Phone: BE 5-1500
22. Bristol Co., The
5439 Harford Rd., Room
101 (14)
Phone: HA 6-5765
23. Bronze Specialties Inc.
1655 Warner St. (30)
Phone: LE 9-1906
24. Brown Co., H. B.
2835 Sison St. (11)
Phone: HO 7-7310
25. Bucheimer Tool Sales Co.
24 W. Alleghany Ave. (4)
Phone: VA 5-1920
26. CSA
1503 Mercantile Trust
Bldg. (2)
Phone: MU 5-2100-1-2-3
27. Carey Machinery & Supply
Co.
P.O. Box 206
3501 Brehms Lane (3)
Phone: BR 6-1600
28. Carrier Corp.
Room 1313, Standard Oil
Bldg.
St. Paul Pl. & E. Franklin
St. (2)
Phone: SA 7-5478
29. Century Electric Co.
2019 Maryland Ave. (18)
Phone: BE 5-3529
30. Chace, Edward A.
E-3 Alder Dr. (20)
Stansbury Manor
31. Chain Belt Co.
1115 E. 30th St. (18)
Phone: HO 7-6257
32. Chapman & Sons, W. C.
4705 Erdman Ave. (5)
Phone: BR 6-5094
33. Chase Brass & Copper Co.
1315 Key Hwy. (30)
Phone: PL 2-2565
34. Clark Controller Co., The
2319 Maryland Ave. (18)
Phone: BE 5-7282
35. Clarke, Julian S.
5712 Cross Country Blvd.
(9)
Phone: FO 7-2966
36. Cleveland Tramrail Balti-
more Co.
819 N. Castle St. (5)
Phone: EA 7-6789
37. Cochran Co., N. B.
344 E. 33rd St. (18)
Phone: HO 7-4884
38. Continental Machinery &
Equip. Co.
Ostend & Ridgeley Sts.
(30)
39. Cord Equip. Co.
1423 Hartford Ave. (2)
40. Crane Packing Co.
401 Colleen Rd.
Phone: MI 4-4788
41. Curtis Engine & Equip. Co.
Inc.
2200 Sherwood Ave. (18)
Phone: TU 9-3874
42. Cutler-Hammer Inc.
2319 Maryland Ave. (18)
Phone: HO 7-9001
43. DeWinter, R. A.
511 N. Charles St. (1)
Phone: LE 9-6947
44. DoALL Baltimore Co.
5621 York Rd. (12)
Phone: ID 3-3993
45. Dorman Co. Inc., J. F. W.
P. O. Box 1415
526 N. Calvert St. (3)
46. Druid Oak Belting Co. Inc.
2317 Cecil Ave. (18)
Phone: TU 9-1190
47. Dubinsky, Sidney
1605 Court Square Bldg.
(2)
Phone: SA 7-5489
48. Duer & Sons Inc., John
36-38 S. Charles St. (1)
49. Durling Electric Co.
301 E. 25th St. (18)
Phone: HO 7-5560
50. Earlebeck & Landrum Inc.
8401 Pulaski Hwy. (21)
Phone: MU 7-8401
51. Electric Tool & Machinery
1205-07 E. 25th St.
Phone: BE 5-7745
52. Electrical Manufacturers
Service
318 Mathieson Bldg. (2)
Phone: LE 9-2131
53. Engrg. Materials Corp.
1501 Patapasco (30)
Phone: EL 5-5225
54. Esso Standard Div.
7720 York Rd. (4)
Phone: VA 4-5400
55. Fork Lift Truck Sales Inc.
2100 Alsquith St. (18)
Phone: CH 3-0900
56. Frost Assoc.
213 E. 25th St. (18)
Phone: VA 3-3569
57. General Controls Co.
534 S. Conkling (24)
Phone: OR 5-7800
58. General Electric Co.
111 Park Ave. (1)
Phone: MU 5-6506
59. Gibson & Kirk Co.
Warner & Bayard Sts. (30)
Phone: LE 9-1200
60. Grott & Co., Frank S.
4012 Pinkney Rd.
Phone: HO 7-1078
61. Gunther Inc., Albert
36 W. Biddle St. (1)
Phone: VE 7437-38-39-40
62. Hacker Co. Inc., A. L.
308 Wyndhurst Ave. (10)
Phone: ID 3-6500
63. Hall & Son, O. T.
2301 N. Charles St. (18)
Phone: HO 7-5359
64. Hamilton Tool Supply Co.
2500 Maryland Ave. (18)
Phone: HO 7-1180
65. Hein Co., Louis H.
703 Light St. (30)
Phone: MU 5-5654
66. Herche Steam Packing Co.
514 E. Lombard St.
Phone: LE 9-4320
67. Hill-Chase Steel Co.
P. O. Box 867
Phone: PE 2-7300
68. Hobart Welders Sales Co.
2709 E. Foster Ave. (24)
69. Hochrein, A. A.
Highland & Eastbourne
Aves. (24)
Phone: OR 5-2400
70. Holland Co., M. F.
201 Key Hwy. (30)
Phone: LE 9-2420
71. Holliday-Hathaway Co. Inc.
511 N. Charles St.
Phone: SA 7-8090
72. Houghton & Co., E. F.
6 S. Schroeder St. (23)
Phone: SA 7-2388
73. Howell-Lanier Engrg. Sales
4703 Ritchie Hwy. (25)
Phone: ST 9-6800
74. I-T-E Circuit Breaker
7215 York Rd. (12)
Phone: VA 5-3950
75. Industrial Bearings & Trans-
mission Inc.
2200 Robb St. (18)
Phone: TU 9-5000
76. Ingersoll-Rand Co.
First National Bank Bldg.
Light & Redwood Sts. (2)
Phone: PL 2-0380
77. J&L
2207 Mathieson Bldg. (2)
78. Johnson & Son Inc., S. C.
232 N. Franklinton Rd.
(23)
Phone: ED 6-4516
79. Kahmer, P. C.
1245 Sulphur Spring Rd.
(27)
Phone: CI 2-2945
80. Kalista Jr., J. M.
232 E. 25th St. (18)
Phone: BE 5-2780
81. Kohl Sales Co., The A. B.
4615 Edmondson Ave. (29)
Phone: LO 6-3667
82. Krehnbrink, H. W.
316 St. Dunstons Rd.
Phone: ID 5-1388
83. Kuhn, Richard
905 Kent Ave. (12)
Phone: RI 7-9057
84. Leeds & Northrup Co.
311 E. Pennsylvania Ave.
Phone: VA 5-7710
85. LeVay, E. A.
120 W. 25th St. (18)
Phone: HO 7-3923
86. Lincoln Electric Co., The
1130 Park Ave. (1)
Phone: SA 7-6060
87. Linde Co.
200 E. Joppa Rd. (4)
Phone: VA 3-1320
88. Lutton Co., C. D.
2127 Maryland Ave. (18)
Phone: BE 5-5957
89. Lyon-Conklin & Co. Inc.
McComas St. W. of Han-
over (30)
Phone: PL 2-6800
90. Maguire & McLernon Inc.
1100 Exeter Hall Ave. (18)
Phone: HO 7-6400
91. Maier's Sons, John G.
153 N. Gay St. (2)
Phone: MU 5-1482
92. Maleson Co.
1547 Mathieson Bldg.
10 Light St. (2)
Phone: PL 2-8626
93. Malloy Co., John
24 W. Alleghany Ave. (4)
P.O. Box 6821
Phone: VA 3-2420
94. Manning Maxwell & Moore
Inc.
2002 St. Paul St. (18)
Phone: TU 9-9090
95. Marine Electronics Inc.
1510-12 Guilford Ave. (2)
96. Md. Industrial Trucks Inc.
1870 N. Gay St. (13)
Phone: DI 2-3990
97. Md. Machinery Co.
8211 Pulaski Hwy. (6)
Phone: MU 7-6785
98. Md. Saw Corp.
1049 Hillen St.
Phone: LE 9-0375
99. McArdle & Walsh Inc.
Maryland Ave. & Hillen
Rd. (4)
Box 6865
Phone: VA 5-6600
100. McCauley, R. S.
5106 York Rd. (12)
Phone: ID 5-1995
101. Metal Aides Agents Inc.
318 Mathieson Bldg. (2)
Phone: LE 9-0706
102. Middlestead Co., C. W.
12 N. Carey St.
Phone: PL 2-7899
103. Miles Co., E. L.
P. O. Box 7214 (18)
104. Miller Fluid Power Div.
4010 Glengyle Ave.
Phone: RO 4-2044
105. Moffatt Bearings Co.
428 Merryman Lane (18)
Phone: TU 9-4929
106. Monumental Supply Co. Inc.
1000 S. Highland Ave. (24)
Phone: BR 6-8390
107. Moran, James J.
928 Kevin Rd. (29)
Phone: WI 7-1587
108. Naudain, John C.
16 Elmont Ave. (6)
Phone: NO 5-3635
109. Nelson, Murray C.
500 Kingston Rd. (29)
Phone: WI 5-3466
110. Oakite Products Inc.
3120 St. Paul St. (18)
Phone: HO 7-6363
111. Perfecting Service Co.
318-320 Mathieson Bldg. (2)
Phone: MU 5-6006
112. Plantholt, John F.
202 Old Town Natl. Bank
Bldg. (2)
Phone: LE 9-3712 or
FO 7-6645
113. Production Machinery Dis-
tributors
8312 Wilson Ave. (14)
114. Railway Supplies & Equip.
Co.
5724 Kenmore Rd. (10)
115. Randall Co., Ken
1303 Midvale Ave.
Phone: RI 7-5260
116. Reitz, R. A.
2301 N. Charles St. (18)
Phone: BE 5-4161
- 116A. Reliance Electric & Engrg.
Co.
120 E. 25th St.
Phone: BE 5-4521
117. Renoff Co., Paul V.
333 E. 25th St. (18)
Phone: HO 7-3280
118. Retzker, Matthew
17 W. Redwood St. (1)
Phone: SA 3-3730
119. Revere Copper & Brass Inc.
1301 Wicomico St. (3)
Phone: VE 7-0500
120. Reynolds Co., W. L.
502 W. Franklin St. (3)
Phone: MU 5-5465
121. Riley, A. W.
3417 Ripple Rd. (7)
Phone: OL 3-4238
122. Robison, C. R.
30 E. 25th St. (18)
Phone: BE 5-2310
123. Rotor Tool Co., The
320 Mathieson Bldg. (2)
Phone: LE 9-0307
124. Russell Assoc.
518 Virginia Ave. (4)
Phone: VA 3-3350
125. Shanks, E. Chat
P.O. Box 253
Phone: PL 2-0133
126. Sinclair Refining Co.
10 Light St. (3)
Phone: SA 7-6400
127. Skarie Inc.
707 N. Howard St. (1)
Phone: LE 9-6000
128. Skill Corp.
2323 Greenmount Ave.
(18)
Phone: BE 5-5851
129. Smith Co., Theodore L.
501 Mathieson Bldg. (2)
Phone: LE 9-8210
130. Snap-on Tools Corp.
4503 E. Monument St. (5)
Phone: DI 2-4466
131. South Chester Corp.
107 York Rd. (4)
Phone: VA 5-7999
132. Spaulding Fibre Co. Inc.
2104 N. Charles St. (18)
Phone: TU 9-7566
133. Specialty Electrical Sales Co.
Glengyle Bldg.
4010 Glengyle Ave.
Phone: RO 4-7979
134. Sterling Electric Motors Inc.
610 Washington Ave.,
Towson (4)
Phone: VA 3-3455
135. Sun Oil Co.
1910 Russell St. (30)
Phone: PL 2-8642
136. Syntrol Baltimore Sales Co.
902 Leeds Ave. (29)
Phone: CI 7-0300
137. Tate Engrg. Inc.
516 S. Eutaw St. (1)
Phone: LE 9-0787
138. Taze & Hewitt
33 E. 21st St. (18)
Phone: BE 5-5895
139. Toland & Son Inc.
230-34 N. Front St. (2)
140. Tristate Electrical Supply
Co. Inc.
2818 Loch Raven Rd. (18)
Phone: HO 7-2600 and
7-2003
141. U. S. Gypsum Co.
6305 York Rd. (12)
Phone: ID 3-1600

SALES OFFICES

MARYLAND

BALTIMORE (cont.)

142. U. S. Steel Corp.
390 St. Paul Pl. (2)
Phone: PL 3-4300
143. Viereck & Co. Inc.,
George E.
P. O. Box 67
144. Walker, Clarence Lee
National Marine Bank
Bldg.
Gay & Water Sts. (2)
Phone: LE 9-1094
145. Warner, W. W.
162 Osborne Ave. (28)
Phone: RI 7-8429
146. Watson Co., R. V.
3101 Falls Cliff Rd. (11)
Phone: BE 5-7302
147. Welders Supply Co.
700 McCulloh St.
Phone: MU 5-6624 & 25
148. Werres Co. Inc., Paul H.
P.O. Box 7218, Waverly
Station (18)
Phone: MU 5-2565
149. Whitehead Metals Inc.
4300 E. Monument St. (5)
Phone: EA 7-3200
150. Wood & Co. Inc., Harry M.
124 Light St. (2)
Phone: MU 5-4643
151. Yale & Towne Mfg. Co., The
1115 E. 30th St. (18)
Phone: TU 9-3504
152. Yankee Engrg. Co. Inc.
2500 Washington Blvd.
(27)
Phone: CI 7-0070
153. Zies & Sons Co., The Chas.
314-320 S. Fremont St. (30)
Phone: MU 5-2570

BEL AIR

154. Wapakoneta Machine Co.,
The
Box 201
Bel Air Acres

BETHESDA

155. Gardner Lab. Inc.
P. O. Box 5728
156. Underwood Assoc.
8403 Bradmoor Dr. (14)
Phone: OL 2-9186

BRENTWOOD

157. District Oxygen Co.
3801 Bunker Hill Rd.
Phone: WA 7-6161

CHEVY CHASE

158. Machinery Assoc. Inc.
7418 Ridgewood Ave. (15)

COLLEGE PARK

159. Murdock, R.
7300 Baylor Ave.
Phone: WA 7-5790

CROWNSVILLE

160. Reader, Otis M.
Box 208

CUMBERLAND

161. Bearings & Transmission
431 N. Centre St.
162. McKaig's
201 S. Centre St.
Phone: PA 2-7500
163. Tristate Electrical Supply
Co. Inc.
10 Wineow St.
Phone: PA 2-0060
164. Wilson Hardware Co.
30 N. Mechanic St.

ELLCOTT CITY

165. Colliflower Inc.
Baltimore National Pike
East of Rogers Ave.
Phone: RI 4-3090-1-3

GLEN BURNIE

166. Gilro Assoc.
123 Country Club Dr.
Phone: SO 1-2141
167. S & S Assoc.
P.O. Box 453
Phone: SO 1-2927

HAGERSTOWN

168. Bearings & Transmission
1875 Pennsylvania Ave.

169. Foltz Mfg. & Supply Co.
Washington & Locust St.
170. General Electric Co.
P.O. Box 477
1095 Jefferson Blvd.
Phone: 5067
171. Hagerstown Equip. Co.
Maryland Ave. & Memorial
Bldg.
Phone: RE 3-7600
172. Industrial Bearings & Trans-
mission Inc.
116 W. Antietam St.
Phone: RE 9-9400
173. Kauffman Mfg. & Supply Co.
709 Pennsylvania Ave.
Phone: 4900-01
174. McKee, R. D.
839 W. Antietam St.
175. Noland Co. Inc.
1016 Virginia Ave.
Box 728
Phone: RE 9-0600
176. Pangborn Corp.
Pangborn Blvd.
Phone: RE 9-3500

HYATTSVILLE

177. Taylor, Richard
8211 14th Ave.

LUTHERVILLE

178. Parker-Hannifin Industrial
Sales Office
26 Dunwich Rd.
Phone: VA 5-3055
179. Wright, Howard H.
1505 Melton Rd.
Phone: LI 2-3463

KENSINGTON

180. Assoc. Sales Co.
4105 Everett St.
181. Etzler Co., C. E.
4105 Everett St.
Phone: WH 2-3141
182. Johnson Assoc., R. F.
4105 Everett St.
Phone: WH 2-3141

MONKTON

183. Swain, D. H.
Corbett Rd.
Phone: MU 5-5423 (Bal-
timore)

OAKLAND

184. Acorn Assoc.
Phone: DE 4-2651

PASADENA

185. Chesapeake Machinery Co.
Box 252, R. #1
Phone: SO 1-1515

REISTERSTOWN

186. Hewitt-Robins
P.O. Box 95
Phone: SA 7-5300

ROCKVILLE

187. Donnellan, John S.
1610 Forbes St.
Phone: GA 4-5315
188. Foringer & Co. Inc.
312 Maple Dr.
Phone: GA 4-5300,
HA 7-7282

SALISBURY

189. Grier & Sons, R. D.
Railroad Ave.

SILVER SPRING

190. Amer. Instrument Co. Inc.
8030 Georgia Ave.
Phone: JU 9-1727
191. Cutler-Hammer Inc.
8055 13th St.
Phone: JU 7-5952
192. DeVillibus Co., The
8616 Georgia Ave., Room
16
Phone: JU 7-6808
193. Dow Corning Corp.
2605 Cameron St.
Phone: JU 8-3222
194. Fisher Scientific Co.
516 Forest Glen Rd.
Phone: JU 8-1088
195. General Radio
8055 13th St.
Phone: JU 8-1088

196. Johnson Inc., Arthur M.
1900 Grace Church Rd.
Phone: JU 7-7059
197. Leet-Melbrook Inc.
950 Silgo Ave.
Phone: JU 9-8444
198. Precision Sales Co.
8616 Georgia Ave.
Phone: JU 9-7690
199. Rothenheber & Co.
4222 Ivy Glen Rd.
Phone: WH 6-4488

TIMONIUM

200. Christliff & Sons Inc., S. M.
Timonium Rd. & Harris-
burg Expresswy.

TOWSON

201. Becker Co., Ralph A.
507 St. Francis Rd. (4)
Phone: VA 5-1555
202. Becker, W. O.
1620 Yakona (4)
203. Breeding, Walter L.
938 Starbit (4)
Phone: VA 5-1543
204. Bristol, C. E.
302 Courtland Ave.
205. Closs, Thomas H.
21 W. Pennsylvania Ave.
(4)
Phone: VA 5-4445
206. DeGrouchy, Travis R.
8159 Pleasant Plains Rd.
Phone: VA 5-5820
207. Fabricators Inc.
610 Highland Ave. (4)
Phone: VA 5-3456
208. Foley, William A.
811 Seaward Ave. (4)
Phone: VA 5-2268
209. Jones Co. Inc., William M.
1107 Echo Ct.
Phone: VA 3-5721
210. Joyes, Bayne
602 Woodbine Terrace (4)
Phone: VA 5-9843
211. Machinery Assoc. Inc.
1857 Loch Siskel Rd. (4)
212. Rankin Co., Walter A.
116 W. Susquehanna Ave.
(4)
Phone: VA 5-4152
213. Reynolds Metals Co.
Shell Bldg.
300 E. Joppa Rd. (4)
Phone: VA 3-4141
214. Rich, Horace
1812 Aberdeen Rd. (4)
Phone: VA 3-0164
215. Webb Co., Jervis B.
107 York Rd. (4)
Phone: VA 5-4063

MASSACHUSETTS

ABINGTON

1. Bird & Co., Russell A.
608 Washington St.
Phone: 11-TR 8-0238

ACAWAM

2. Ruddeforth Co., T. H.
381 Walnut St.
P.O. Box 73
Phone: RE 9-1132
3. Stanly Handling Equip. Co.
38 Ramah Circle
Phone: RE 7-0333
4. Vanadium-Alloys Steel Co.
S. End Bridge Circle
Phone: RE 6-6306
5. Wilson, Wm. J.
127 Raymond Circle
Phone: RE 9-1801

ALLSTON

6. Apparatus Service Co.
355 Everett St. (34)
Phone: ST 2-7440
7. Litter Co. Inc., D. H.
291 N. Harvard St. (34)
Phone: AL 4-1863

ARLINGTON

8. Hebert Machine Tool Co.,
R. A.
25 Massachusetts Ave. (74)
Phone: MI 3-3244
9. Kelley Co., R. J. R.
21 Woodland St. (74)
Phone: MI 3-6127

10. Proctor & Martin Co. Inc.
24 Mill Lane (74)
P.O. Box 180
Phone: MI 8-2200, 2201

ATTLEBORO

11. Brownell Mill Supply Inc.
7 Parker St.
Phone: AT 1-0130
12. Reynolds & Markman Co.
88 Union St.
Phone: AT 1-6076

AUBURN

13. Abrasives & Tools Inc.
469 Southbridge St.
P.O. Box 356
Phone: PL 2-4676
14. Brown & Sharpe Mfg. Co.
65 Auburn St.
Phone: TE 2-4386
15. Hook Co. Inc., H. C.
135 South St.
P.O. Box 237
Phone: PL 2-3882
16. Pratt & Iman
27 Elm St.
Phone: PL 5-4353

AUBURNDALE

17. Crosby Co., Kenneth H.
421 Lexington St. (86)
P. O. Box 42
Phone: LA 7-3163
18. Parker Inc., Frank A.
19 Oakland Ave. (86)
P.O. Box 25
Phone: DE 2-6255
19. Strickland Tool Sales Co.
P. O. Box 29 (86)
Phone: DE 2-7742

AVON

20. Brockton Operating Co. Inc.
Memorial Dr.
Phone: JU 3-3650

BALLARDVALE

21. Reichhold Chemicals Inc.
P. O. Box 158
Phone: Andover GR 5-0800

BEDFORD

22. Amer. Instrument Co. Inc.
9 Clark Rd.
Phone: CH 4-0014

BELMONT

23. Collins, J. F.
16 Coolidge Rd. (78)
P.O. Box 216
Phone: IV 4-9411
24. Dawson Co., Kenneth A.
106 Concord Ave. (78)
Phone: IV 4-7906
25. Peterson Jr., Victor H.
50 Falmouth St.

BEVERLY

26. Brandt, Frank
46 Pickman Rd.
Phone: WA 2-7905
27. Gibbons Co., T. J.
8 Amherst Rd.
Phone: RE 5374-J
28. Morgan Co., Charles T.
21 Lothrop St.
Phone: WA 2-0378
29. Muldoon, Arthur
60 Lathrop
Phone: WA 2-3120
30. Rodgers, Robert R.
40 Woodbury St.
Phone: WA 2-3677

BILLERICA

31. Bissonette, Joseph
Box 831
Phone: MO 3-7806

BOSTON

32. Acheson Colloids Co.
89 Broad St. (10)
Phone: HA 8-8979
33. Acme Steel Co.
440 Rutherford Ave. (29)
Phone: CH 2-4870
34. Alenite Co. of Boston
64 Cummington St. (15)
35. Allen-Bradley Co.
24 Brighton Ave. (34)
P.O. Box 218
Phone: ST 2-0203

SALES OFFICES

MASSACHUSETTS

BOSTON (cont.)

129. N. J. Zinc Co., The
137 Kneeland St. (11)
130. Northeast Tool & Distributing Co.
419 Boylston St. (16)
Phone: CO 7-2322
131. O'Connell, Kevin
419 Boylston St.
Phone: CO 7-2322
132. Packard Machinery Co.
343 Main
Phone: UN 4-3400
133. Parry Inc., John R.
135 Pearl St. (10)
Phone: LI 2-5180
134. Pelkus & Co., Leo C.
683 Atlantic Ave. (11)
Phone: LI 2-1941
135. Pike Assoc. Inc., Warren M.
274 Franklin St. (10)
Phone: HA 6-5375
136. Preston Assoc., B. G.
20 Providence St. (16)
137. Reasoner Tool & Supply
37 Summer St. (10)
Phone: HU 2-1980
138. Republic Steel Corp.
Consolidated Bldg. (16)
Phone: LI 2-3641
139. Revere Copper & Brass Inc.
105 Arlington St. (16)
Phone: HU 2-7190
140. Reynolds Metals Co.
442 Park Square Bldg. (16)
Phone: LI 2-0855
141. Ribble Co., C. H.
250 Boylston St. (16)
Phone: CO 7-3038-9
142. Rotor Tool Co., The
751 Little Bldg.
Phone: LI 2-7171
143. Rudel Machinery Co. Inc.
531 Statler Bldg. (16)
Phone: HA 6-7354
144. Ryerson & Son Inc., Jos. T.
60 Everett St. (3)
Box 1111
Phone: ST 2-0900
145. SKF Industries Inc.
210 N. Harvard St. (34)
Phone: AL 4-8400
146. Sanders Co., H. M.
27 Stuart St. (16)
147. Scialy Bros. Inc.
6 Beacon St. (8)
Phone: CA 7-1515
148. Simonds Saw & Steel Co.
1350 Columbia Rd. (27)
Phone: AN 8-8555
149. SKIL Corp.
442 Cambridge St. (34)
Phone: AL 4-4560
150. Snap-on Tools Corp.
116 N. Beacon St. (35)
Phone: ST 2-7296
151. South Chester Corp.
6 Beacon St. (8)
Phone: CA 7-1515
152. Spaulding Fibre Co. Inc.
30 Huntington Ave. (16)
Phone: CO 6-3880
153. Spaulding Moss Co.
401 Summer St. (10)
Phone: LI 2-3000
154. Stamas Metal Products Co. Inc.
34 Cambria St. (15)
155. Stedfast & Roultson Inc.
11 Deerfield St. (15)
Phone: KE 6-6410
156. Steel Shot & Grit Co.
Box #205, N. Postal Sta. (14)
157. Steinert, Robert
316 United Bldg.
43 Leon St.
Phone: HI 5-1333
158. Sterling Electric Motors Inc.
P.O. Box 39
Phone: CE 7-9700
159. Sun Oil Co.
Lee Burbank Hwy., Revere 51
Phone: AT 4-4500

BOSTON (cont.)

36. Allis-Chalmers
31 St. James Ave. (16)
Phone: HU 2-3706
37. Allis Co., The Louis
208 Mystic Ave. (55)
Phone: EX 6-4375
38. Aluminum Co. of Amer.
20 Providence St. (16)
Park Square
39. Amer. Felt Co.
211 Congress St. (10)
40. Armstrong Manufacturers Supplies Inc., G. R.
130 High St. (10)
Phone: HA 6-5275
41. Automatic Controls Co.
369 Boylston, Newton Center (59)
Phone: BI 4-8160
42. Babcock & Wilcox Co., The
66 Central St. (81)
(Wellesley)
Phone: CE 5-9500
43. Bausch & Lomb Optical Co.
110 Tremont St. (16)
Phone: HU 2-3520
44. Bay State Elevator Co.
91 Glenview Ave. (34)
45. Bay State Machinery
739 Bayston St.
46. Bearings Specialty Co.
865 Beacon St. (15)
Phone: CO 7-5325
47. Bellows-Valvair
1085 Worcester St. Rt. 9
Phone: CE 5-5703 (Boston), OL 3-5520 (Natick)
48. Bethlehem Steel Co.
75 Federal St. (10)
Phone: LI 2-5740
49. Black & Decker
12 Market St. (35)
Phone: ST 2-6284
50. Boston Automotive Warehouse Service
1256 Commonwealth Ave. (34)
Phone: AS 7-5010
51. Boston Machine & Tool Co.
78 Lewis St.
Phone: LO 7-4200
52. Brady Co., W. H.
375 Moody St. (54)
Phone: TW 2-8300
53. Brett Co., F. H.
25 Huntington Ave.
Phone: CO 7-8750
54. Bristol Co., The
Statler Bldg. (16)
Phone: HU 2-1728
55. Brooks Co. Inc., B. D.
310 Atlantic Ave. (10)
Phone: HA 6-5200, 6-5226
56. Carrier Corp.
1124 N. Station Office Bldg.
150 Causeway St. (14)
Phone: RI 2-0772
57. Century Electric Co.
Room 49, 140 Summer St. (10)
Phone: LI 2-3470
58. Chain Belt Co.
10 High St. (10)
Phone: LI 2-8445
59. Chandler & Farquhar Co.
900 Commonwealth Ave. (15)
Phone: LO 6-7800
60. Chase Brass & Copper Co.
411 "D" St. (4)
Phone: LI 2-0126
61. Chase, Parker & Co. Inc.
288-290 Congress St. (7)
Phone: LI 2-9784
62. Chicago Pneumatic Tool Co.
76 Lincoln St. (Brighton) (35)
Phone: ST 2-8088
63. Clark Controller Co., The
369 Boylston St. (59)
Newton Centre
Phone: BI 4-8280
64. Collatz Co., G. T.
473 Washington St. (81)
Phone: CE 7-0631
65. Collier, D.
Box 345- Back Bay Station (17)
Phone: HA 6-8228
66. Consolidated Amer. Machinery Co.
Sheraton Bldg.
470 Atlantic Ave.
Phone: HA 6-4606
67. Crafts Co. Inc., Arthur A.
603 Newbury St., Kenmore Square (15)
Phone: KE 6-4180
68. Cutler-Hammer Inc.
415 Western Ave. (35)
Phone: AL 4-6210
69. De Laval Separator Co., The
Statler Office Bldg.
20 Providence St. (16)
Phone: HA 6-0695
70. Dow Corning Corp.
1214 Statler Office Bldg.
20 Providence St. (16)
Phone: HA 6-5902
71. Eastern Metal Mill Products Co.
21 Vale St. (19)
Phone: HI 2-5900
72. Eclipse Air Brush Co.
515 Little Bldg.
90 Boylston St. (16)
Phone: HU 2-1019
73. Electrical Agencies Inc.
49-51 "D" St. (27)
Phone: AN 8-9506
74. Electrical Apparatus Co. Inc.
1300 Soldiers Field Rd. (34)
Phone: ST 2-7440
75. Esso Standard
135 Clarendon St. (17)
Phone: CO 6-3000
76. Eutectic Welding Alloys
167 Brighton Ave. (34)
Phone: AL 4-9131
77. Fairbanks Co., The
520 Atlantic Ave. (10)
Phone: LI 2-3000
78. Federal Stamp Co.
19 High St. (10)
79. Field Co., William H.
223 Dorchester Ave. (27)
Phone: AN 8-1111
80. Carlock Packing Co., The
50 Broad St. (10)
Phone: HA 6-4590
81. Gas-Weld Equip. Co.
28 Cambria St. (15)
82. General Electric Co.
140 Federal St. (1)
Phone: HU 2-1800
83. General Electric Supply
145 N. Beacon (35)
P.O. Box 95
Phone: AL 4-5300
84. General Machinery Corp.
140 Federal St. (10)
Phone: LI 2-4826
85. Gibson Engrg. Co.
1018 Commonwealth Ave.
Phone: AS 7-5074
86. Gilmore & Co., F. F.
725 Boylston
Phone: HA 6-8831
87. Graff Co., H. G.
10 High St. (10)
Phone: HA 6-8831
88. Graybar Electric Co. Inc.
267 Columbus Ave. (16)
89. Gulf Oil Corp.
Park Square Bldg., 31 St. James Ave. (17)
Back Bay P.O. Box 183
Phone: HA 6-3700
90. Gustavo-Freston Co.
113 Broad St.
Phone: HA 6-3965
91. Harbor Tool Supply Co.
74 Brookline Ave. (15)
Phone: CO 7-0520
92. Harris & Underhill
446 Statler Bldg.
20 Providence St. (16)
Phone: HA 6-3544
93. Harvey Assoc., Earle B.
163 Chestnut Hill Ave.
Phone: ST 2-5531
94. Hatzis & Sons, Thos. J.
465 Statler Office Bldg. (16)
Phone: HA 6-2332, 6-7410
95. Hawkrider Brothers Co.
303 Congress St.
Phone: HA 6-3700
96. Haymarket Hardware Co.
5-7 Washington St. (14)
97. Heal Co., Leo A.
159 High St. (10)
98. Healey, David A.
510 Atlantic Ave.
99. Heller Tool Co.
1350 Columbia Rd. (27)
Phone: AN 8-7755
100. Hewitt-Robins
88 Tenean St. (22)
Phone: AV 2-5400
101. Holtzer-Cabot
125 Amory St. (19)
Phone: JA 4-7000
102. Horrigan, Joseph G.
24 Cambria St. (15)
Phone: KE 6-4468
103. Houghton & Co., E. F.
P.O. Box 172 (30)
Phone: JA 4-0561
104. Hub Material Co.
287 Washington St. (8)
105. Hy-Du-Lignum Co. Inc., The
10 Milk St. (8)
Phone: HA 6-5715
106. I-T-E
31 St. James Ave. (16)
Phone: HA 6-3630
107. Industrial Equip. & Sales
94 State St.
Phone: CA 7-0838
108. Ingersoll-Rand Co.
265 Columbus Ave. (16)
Phone: KE 6-2220
109. J&L
10 High St. (10)
110. Johns-Manville Sales Corp.
190 Newbury St. (16)
Phone: CO 7-6580
111. Kaiser Aluminum & Chemical Sales Inc.
735 Statler Office Bldg.
20 Providence St. (16)
Phone: HA 6-7255
112. Kearns Electric Supply Co., Thomas F.
524 Atlantic Ave. (10)
Phone: LI 2-0745
113. Kelco Metal Products Co.
51 Sleeper St.
Phone: HU 2-1737
114. Kent Co., G. E.
295 Cambridge St. (34)
Phone: AL 4-0813 & 4-0814
115. Klein-Farris Co.
207 Essex St. (11)
Phone: HA 6-1210
116. Latrobe Steel Co.
10 High St. (10)
Phone: LI 2-3008, LI 2-3651
117. Leeds & Northrup Co.
430 Lexington St. (66)
Auburndale
Phone: LA 7-6360
118. Lewin-Mathes Co.
729 Boylston St. (15)
Phone: CO 7-1195
119. Lincoln Supply Co.
53 State St.
Phone: CA 7-3227
120. Lord Mfg. Co.
Room 713-Statler Office Bldg. (16)
Phone: HA 6-9135
121. Lynd-Farquhar Co.
960 Park Square Bldg.
31 St. James Ave. (16)
Phone: HA 6-0620, 6-0621
122. Micro Switch Div.
1230 Soldiers Field Rd. (35)
Phone: AL 4-3939
123. Milne & Co., A.
631 E. 1st St. (27)
Phone: AN 8-5305
124. Mobil Oil Co.
648 Beacon St. (15)
Phone: CO 7-2400
125. Moore Corp., Irving B.
65 High St. (10)
Phone: HU 2-7565
126. Morris Co., The Robert E.
P.O. Box 68 (95)
Phone: DE 2-7907
127. Morse Chain Co.
1165 Commonwealth Ave.
Phone: AL 4-8108
128. New Departure Div. G.M.C.
Room 821, Park Square Bldg.
31 St. James Ave. (16)
Phone: HA 6-9867

SALES OFFICES

MASSACHUSETTS

BOSTON (cont.)

160. Syntron Boston Sales Co.
171 Brighton Ave. (34)
Phone: AL 4-5176
161. Tek Bearing Co. Inc.
190 N. Beacon St.
Phone: AL 4-2800
162. Thor Power Tool Co.
48 Pearl St. (46)
Phone: BE 2-8520
163. Timer Service Co.
1018 Commonwealth Ave.
(15)
164. Timken Roller Bearing Co.,
The
50 N. Beacon St. (34)
Phone: AL 4-3701
165. Union Carbide Plastics Co.
300 1st Ave., Needham
Heights (94)
Phone: HI 4-5400
166. U. S. Gauge Div.
30 Huntington Ave. (16)
Phone: KE 6-0121
167. U. S. Steel Corp.
Statler Office Bldg.
20 Providence St. (16)
168. Vanadium-Alloys Steel Co.
10 High St., Room 407 (10)
Phone: LI 2-4164
169. Wales Strippl Inc.
419 Boylston St.
Phone: KE 6-3194
170. Walworth Co., The
430 Summer St.
171. Washburne Co. Inc., C. E.
1900 Massachusetts Ave.
(40)
Phone: TR 6-4880
172. Webb Mfg. Co., F. W.
1544 Columbus Ave.
173. Webb Co., Jervis B.
825 Beacon St. (59)
Phone: HI 4-8500
174. Wheeler, D. H.
Statler Bldg.
20 Providence St. (16)
Phone: LI 2-0797
175. Weise Engrg. Equip. Co.
306 Congress St. (10)
Phone: HA 6-4048, 6-4066
176. Wigglesworth Machinery
Co.
60 Border St. (28)
177. Woodcraft Supply Co.
39 Washington St. (14)

BRIDGEWATER

178. Perkins Co., The Henry
Phone: OW 7-6978

BRIGHTON

179. Black & Decker
12 Market St.
Phone: ST 2-0255
180. Bradley, John J.
31 Brock St.
Phone: JU 1-0439
181. Lin Assoc.
76 Strathmore Ave.
182. Tek Bearing Co. Inc.
190 N. Beacon St.
Phone: AL 4-2800

BROOKLINE

183. Abel & Co. Inc., Robert
112 Cypress St. (46)
Phone: BE 2-0392
184. Arey, Harold L.
1038 Beacon St.
185. Kenett Corp.
330 Washington St.
Phone: LO 6-0378
186. McCulloch, John H.
23 Garrison Rd.
187. Metallurgical Products Co.
1199 Beacon St. (46)
Phone: LO 6-8093
188. Ottobrine, Harold
69 Sherman Rd.
Phone: HO 9-0351
189. Patt, A. J.
96 St. Paul St. (46)
Phone: AS 7-0850
190. Porter-Cable Machine Co.,
The
358 Harvard St.
Phone: BE 2-6332
191. Schwartz, Henry
75 Lawton St.
Phone: LO 6-2063

BURLINGTON

192. Joy Mfg. Co.
2nd Ave.
Phone: Boston: BR 2-9500
193. Welders Supply Co.,
Wheeler Road
Phone: BR 2-0400

CAMBRIDGE

194. Atlantic Industrial Supply
Co. Inc.
905 Main St. (39)
Phone: TR 6-3211
195. Austin-Hastings Co. Inc.
226 Binney St. (42)
Phone: KI 7-4480
196. Austin Tool & Supply Co.
238 Main St. (42)
Phone: UN 4-8320, 4-8321
197. Baker Co., M. E.
25 Wheeler St. (38)
Phone: KI 7-5460
198. Bassett & Kinraide
21 Charles St. (41)
Phone: UN 4-0778
199. Beal Co. Inc., Joseph
87 Binney St. (42)
Phone: UN 4-2813-2814-
2815
200. Behr-Manning Co.
83 Cambridge Parkwy.
(42)
Phone: KI 7-8740
201. Bellamy-Robie Inc.
45 Main St. (42)
Phone: TR 6-3830
202. Boston Pulley & Shafting
117 1st St. (41)
Phone: UN 4-9880
203. Bridgeport Brass Co.
808 Memorial Dr.
Phone: UN 4-9371
204. Brown-Wales Co.
165 Rindge Ave. Ext. (40)
205. Bunting Brass & Bronze Co.
152 6th St. (42)
Phone: KI 7-5170
206. Butts & Ordway Co.
200 6th St. (42)
Phone: TR 6-3131
207. Cleveland Trammell Div.
117 1st St. (41)
Phone: UN 4-9880
208. Cutter, Wood & Sanderson
Co.
222-232 3rd St.
Kendall Square
Phone: KI 7-5400
209. Davis Inc., H. G.
45 Moulton St. (38)
Phone: UN 4-7550
210. De Vou Inc., Laird
157 Main St. (42)
Phone: UN 4-7110
211. Eastern Appliance Co.
281 Vassar St. (39)
Phone: UN 4-3763
212. Eckel Corp., The
155 Fawcett St.
213. Fafnir Bearing Co., The
117 Alewife Brook Park-
wy. (40)
Phone: UN 4-9890
214. General Hardware & Supply
Co.
441 Mars Ave. (39)
215. Hathaway Electronics Inc.,
Glenn M.
238 Main St. (42)
Phone: KI 7-0380
216. Hugo, Allan J.
968 Memorial Dr.
217. Hydraulic Engrg. Co.
2 Blanche St.
Phone: UN 4-7922
218. Instrument Sales Co.
75 Gore St.
Phone: TR 6-1681
219. Interstate Welding Supply
Corp.
101 Binney St.
Phone: UN 4-3795 &
4-3821
220. Johnson Bronze Co.
200 Broadway (39)
Phone: UN 4-5640
221. Kaufman Co. Inc.
770 Main St. (39)
222. Kearfott Div.
336 Main St.

223. Langley Corp., The
920 Cambridge St.
Phone: TR 6-9031
224. Macalaster Bicknell Co.
243 Broadway at Windsor
St.
Phone: KI 7-8933
225. MacKenzie Machinery Co.
173 2nd St. (42)
Phone: EL 4-7668
226. Marquette Mfg. Co.
273 Vassar St.
Phone: TR 6-1890
227. McKim & Son, Walter M.
238 Main St.
Phone: TR 6-4733
228. Middlesex Welding Supply
Co.
2 Rindge Ave. Ext. (40)
229. Mills Hardware Co.
268 Elm
Phone: MA 9-5454
230. Mueller Brass Co.
Room No. 206, Kendall
Square Bldg.
258 Main St.
Phone: TR 6-1166
231. North Amer. Viking Drill
Co.
271 Broadway (39)
Phone: UN 4-0125
232. Oakite Products Inc.
127 Smith Pl.
Phone: UN 4-9888
233. Packard Machinery Co.
343 Main St., Kendall
Square
Phone: UN 4-3400
234. Porter Co. Inc., H. K.
61 Moulton St. (38)
Phone: EL 4-2620
235. Pratt & Whitney Co. Inc.
238 Main St. (42)
Phone: KI 7-5875
236. Snyder Assoc., Frank
238 Main St. (42)
Phone: UN 4-6688
237. Tracy Co., Lewis E.
121 Alewife Brook Park-
wy. (40)
Phone: TR 6-2300
238. Washburne Co. Inc., C. E.
1900 Massachusetts Ave.
Phone: TR 6-4660
239. Welders Supply Co.
351 Vassar St. (39)
240. West Chemical Products Inc.
49 Fawcett St. (38)
241. Whitehead Metals Inc.
281 Albany St. (39)
Phone: TR 6-4680
242. Wolverine Equip. Co.
31 Main St. (42)
Phone: KI 7-4425
243. Wood's Sons Co., T. B.
117-119 1st St. (41)
Phone: UN 4-9880

CANON

244. Baker Bros. Inc.
Route 138
Phone: DA 6-6630

CARLISLE

245. Meehan Co., George H.
Carlisle Center
Box 114
Phone: EM 9-3562

CHESTNUT HILL

246. Amer. Brass Co., The
824 Boylston St. (67)
Phone: AS 7-2512
247. Ottobrine, Harold
69 Sherman Rd. (67)
248. Texaco Inc.
830 Boylston St. (67)
P.O. Box 149
Phone: RE 4-1070
249. Wilton Tool Mfg. Co. Inc.
34 Sheafe St.
Phone: BE 2-8657

CHICOPEE

250. Mosher Co., The
15 Exchange St.
Phone: LY 4-9603

CHICOPEE FALLS

251. Trench, George F.
19 Otis St.

CONCORD

252. Mooney Inc., Edward F.
20 Fairhaven Rd.
Phone: EM 9-9522

DANVERS

253. Specialty Hardware Distrib-
utors
141 Pine St.
254. Veeder-Root Inc.
83 Elm St.
Phone: SP 4-9005 & 4-282

DEDHAM

255. Casey, Robert F. X.
P.O. Box 282
Phone: DA 6-5912
256. Designers for Industry Inc.
35 Westfield St.
Phone: DA 6-4266

DORCHESTER

257. Amer. Scale & Conveyor
Inc.
365 Neponset Ave. (22)
Phone: AV 2-7035
258. Brunner & Lay - Eastern
Inc.
203 Victory Rd. (22)
Phone: AV 2-4700
259. Garrett Co. Inc., George K.
230 Callender St. (24)
Phone: AV 2-4339
260. Weener & Co., George H.
748 Gallivan Blvd. (22)

EAST BOSTON

261. Boston Machinery & Tool
Co.
78 Lewis St. (28)
Phone: LO 7-4200
262. Wigglesworth Machinery Co.
60 Border St. (28)
P. O. Box 166
Phone: LO 7-7210

EAST CAMBRIDGE

263. Blakeslee & Co., G. S.
Lechmere Square (41)
Phone: EL 4-4485

EAST LONGMEADOW

264. Allison Engr. Sales
61 Lee St.
265. Bay State Bronze & Alumi-
num Co.
141 Somers Rd.
Phone: LA 5-3304
266. Kenison, R. F.
326 Elm St.
267. Lindberg Engrg. Co.
69 Maple St.
P. O. Box 813
Phone: LA 5-3689
268. Miller Assoc. Inc., Stewart
Phone: RI 9-9064 in
Thompsonville, Conn.
269. Weyant, Fred R.
14 Sanford St.
Phone: LA 5-7819

EAST WALPOLE

270. Giltron Inc.
33 Union St.
Phone: MO 8-0670
271. Knox Inc.
33 Union St.
Phone: MO 8-1270
272. Page, Gordon W.
66 Old Post Rd.
Phone: MO 8-9782

EVERETT

273. Conant, Chas. S.
99 Jefferson Ave.
Phone: DU 7-7093
274. Ferguson Machine Corp.
201 Main St. (49)
Phone: DU 7-0085
275. Fowler, Jr., John P.
1940 Revere Beach Park-
wy. (49)
Phone: DU 7-8897
276. McIntyre, A. C.
1540 Revere Beach Park-
wy. (49)
Phone: DU 7-8897
277. Welders Supply Co. Inc.
33 Spaulding St.

SALES OFFICES

FALL RIVER

- 278. Alro Oxygen & Equip. Co.
644 Charles St.
- 279. Chase & Son, Leonard S.
507 Alden St.
- 280. Congdon & Carpenter Co.,
The
583 Bedford St.
- 281. Simon's Supply Co. Inc.
122 Pleasant St.
Phone: OS 9-6431

FITCHBURG

- 282. Advance Bearing & Supply
Co. Inc.
47 Duck Mill Rd.
- 283. Fitchburg Hardware Co.
50 Laurel St.
Phone: DI 3-4806
- 284. Hope Rubber Co. Inc.
40 Commercial St.
Phone: DI 3-7437

FRAMINGHAM

- 285. Barber-Colman Co.
Alexander & Eames Sts.
Phone: TR 5-5279
- 286. Martin, Allan W.
325 Pleasant St.
Phone: TR 5-0148
- 287. Newton, W. J.
17 Pamela Rd.
Phone: TR 2-4420
- 288. South Middlesex Supply
Co. Inc.
541 Concord St.
Phone: TR 2-3521-3
- 289. Topham, John F.
Singletary Lane
Phone: TR 2-3958
- 290. White Hardware Co. Inc.
30-36 Hollis St.
Phone: TR 3-7642

FRAMINGHAM CENTER

- 291. Bliss Co., E. W.
P. O. Box 157
- 292. Russell, Holbrook & Hen-
derson Inc.
P. O. Box 72
Phone: TR 2-1123

FOXBORO

- 293. Gafford Supply Co.
Phone: KI 3-8218

GARDNER

- 294. Davis Hardware Co.
17 Pleasant St.
Phone: GA 111
- 295. Hage Assoc. Inc.
66 Parker St.
- 296. Lynde Hardware Co.
4 W. Lynde St.

GREENFIELD

- 297. Avery, James D.
P. O. Box 652
- 298. Clark Hardware
- 299. S-H Automation Equip. Co.
21 Spring Terrace
P. O. Box 652
Phone: FR 3-5835
- 300. Syntrol Conn. Sales Co.
134 Silver St.
Phone: FR 2-6276
- 301. Threadwell Tap & Die Co.
Phone: FR 4-4356
- 302. Wells Tool Co.
106 Hope St.
Phone: FR 3-3465

HAVERHILL

- 303. Pope Machinery Corp.
Phone: DR 5-5678

HAYDENVILLE

- 304. Frost, Minor R.
High St.
Phone: CO 8-7558

HEBRONVILLE

- 305. Sheffield Tool Corp., The
16 Bliss Ave.
Phone: AT 1-3423

HINGHAM

- 306. Breivogel, Herbert D.
16 Gardner St.
Phone: HI 6-1758

- 307. Smith, Jr., W. Arthur
333 Lincoln St.
Phone: RI 9-4000
- 308. Woodruff & Stokes Co.
Bldg. 32, 349 Lincoln St.

HOLDEN

- 309. Harris Co., F. H.
1129 Main St.
Phone: VA 9-4848
- 310. McCurdy, Archie T.
Ridgewood Rd.
Phone: VA 9-4588
- 311. Otto, Charles H.
20 Salisbury St.
Phone: VA 9-3244

HOLLISTON

- 312. Smith, Roy H.
432 Norfolk St.
Phone: GA 9-4761
- 313. Walenar Inc.
551 Concord St.
Phone: GA 9-4312
- 314. White, John H.
70 Woodland St.

HOLYOKE

- 315. Butterfield, J. E.
24 Lindbergh Ave.
- 316. Chase & Cooleedge Co.
12-15 Main St.
Phone: JE 4-7319
- 317. Hooker Transmission Co.
1439 Dwight St.
Phone: JE 6-6661
- 318. Hope Rubber Co. Inc.
155 N. Canal St.
Phone: JE 4-7326
- 319. Russell & Co. Inc., J.
361 Dwight St. (1)
Phone: JE 3-3981
- 320. Sun Oil Co.
1702 Riverdale St.
Phone: RE 7-0296

HYDE PARK

- 321. Fischer Die & Stamping Inc.
445 Metropolitan Ave. (36)
Phone: HY 3-3857

INDIAN ORCHARD

- 322. Heggie Co., James
P. O. Box 134

JAMAICA PLAIN

- 323. Lubrication Co.
3374 Washington St. (30)

JEFFERSON

- 324. Elgin National Watch Co.
Causeway St.
Phone: VA 9-4271

LAWRENCE

- 325. Treat Hardware Co.
582 Essex St.
Phone: MU 5-5115
- 326. United Tool & Industrial
Supply Co. Inc.
239 Market St.
Phone: MU 3-8542

LEICESTER

- 327. Childs Co., A. S.
26 Marshall St.
Phone: PL 3-9185 (Wor-
cester)

LEOMINSTER

- 328. Gould Industrial Supply Co.
Inc.
17 Moore St.
Phone: KE 4-8368
- 329. Leominster Industrial Sup-
ply Co. Inc.
89 Lancaster St.
Phone: KE 4-4956-57
- 330. Tater Machinery Co.
Nashua St.

LEXINGTON

- 331. Carvill Assoc.
P. O. Box 261 (73)
Phone: VO 2-7776
- 332. Chester, A. W.
24 Winchester Dr. (73)
P. O. Box 44
Phone: VO 2-3636

- 333. Copp Machine Tool Inc.,
Frank W.
49 Waltham St. (73)
P. O. Box 282
Phone: VO 2-4400
- 334. Schaal Assoc. Inc.
11 Muzzey St. (73)
Phone: VO 2-3578
- 335. Stevens & Co., K. C.
235 Bedford St. (73)
Phone: VO 2-1812
- 336. Stewart-Hunt Inc.
401 Lowell St. (73)
Phone: VO 2-2860

LONGMEADOW

- 337. Gilliland, Robert
165 Fenwood Rd.
Phone: LO 7-3320
- 338. Oakite Products Inc.
85 Cooley Dr.
Phone: LO 7-7078
- 339. Page, Kenneth B.
81 Farmington Ave. (6)
- 340. Read, Robert P.
30 Warren Rd.
Phone: LO 7-7630
- 341. Rudel Machinery Co. Inc.
75 Roseland Terrace (6)
Phone: LO 7-5064

LOWELL

- 342. Merrimack Valley Welders
Service
207 Moody St.
- 343. Nebes Supply Co. Inc.
231 Mt. Vernon St.

LYNN

- 344. Ad Automotive Distributors
155 Central Ave.
- 345. Automotive Distributors
Inc.
115 Central Ave.
- 346. Corbett & Farrell Inc.
160 Chestnut St.
Phone: LY 8-8550
- 347. Harris Co. Inc., F. B.
480 Union St.
- 348. Jaquith Carbide Div.
19 Steward St.
Phone: LY 8-9754
- 349. Lynn Hardware Co.
34-38 Munroe St.
- 350. Lynn Mill Supply
55 Munroe St.
- 351. North Shore Hardware Co.
49 Munroe St.
Phone: LY 2-7519
- 352. North Shore Welding Ser-
vice
26 Bennett St.
- 353. Wetzel Tool Sales Co.
386 Eastern Ave.
Phone: LY 8-5131

LYNNFIELD CENTER

- 354. Round & Co., J. J.
25 Wing Rd.
Phone: LY 4-4950
- 355. Simpson, Alec
P. O. Box 575
Phone: LY 4-4184

MALDEN

- 356. Arco Welding Supply Co.
258 Highland Ave. (49)
- 357. New England Industrial
Truck Inc.
497 Broadway
Phone: DA 4-7650
- 358. Robertson Co. Inc., F. H.
439 Broadway (48)
Phone: DA 4-2220

MANCHESTER

- 359. Pendleton, John F.
29 Sea St.
Phone: MA 882

MANSFIELD

- 360. Bay State Tap & Die Co.
Chauncy St.
Phone: ED 9-8981
- 361. Bliss & Laughlin Inc.
147 High St.
Phone: ED 9-8971

MASSACHUSETTS

MARBLEHEAD

- 362. Hadden, Franklin J.
22 Treat Rd.
Phone: NE 8-3213
- 363. Stocker & Yale Inc.
Association Bldg.
40 Green St.
Phone: NE 2-0038
- 364. Yale Assoc.
14 Everett Paine Blvd.
Phone: NE 1-0068

MARION

- 365. Thackeray, R. R.
Allen St.
Phone: MA 652

MARSHFIELD

- 366. Magnetics Inc.
Tupelo Rd., Holly Ridges
P. O. Box 313
Phone: PI 6-2460

MATTAPAN

- 367. Materials Handling Sales
13 River St.
Phone: CU 6-3939

MATTAPOISETT

- 368. Sawyer, Marshall M.
P. O. Box 443

MEDFORD

- 369. Boscho Co.
200 Boston Ave.
- 370. Bowman Assoc. Inc., A. D.
P. O. Box 28
415 Mystic Ave. (55)
Phone: EX 6-0710
- 371. Eggleston Supply Co.
96 Salem St.
- 372. Seitz, Ray
241 Mystic Ave. (55)
Phone: EX 5-7650

MELROSE

- 373. Henchey, Harold L.
30 E. Elmcrest Circle
Phone: NO 5-8303
- 374. Ind. Commercial Filters
2 Main St.
Phone: DA 4-7000
- 375. Lambert, John T.
56 Orchard Lane (76)
Phone: NU 5-3422
- 376. Millen, Robert
31 Sunset Rd.
Phone: NO 5-5330
- 377. Pike, Gilbert L.
370 Upham St.
Phone: NO 5-6941

MERRIMAC

- 378. Hunter Spring Co.
105 River Rd.
Phone: FI 6-9764

MILTON

- 379. Connelly Co., T. G.
P. O. Box 14
- 380. Hern Assoc., John D.
27 Glendale Rd. (86)
Phone: CU 6-5716
- 381. Regan Co., Frank P.
28 Thistle Ave. (86)
Phone: CU 6-5870
- 382. Reilly, Jr., John A.
37 Sheridan Dr. (86)

NATICK

- 383. Johnson & Son Inc., S. C.
1075 Worcester Rd.
Phone: OL 5-0900
- 384. Miller Electric Mfg. Co. Inc.
16 Hampton Rd.
Phone: OL 3-1676
- 385. Savory Tool Sales
45 Main St.
Phone: OL 3-1700

NEEDHAM

- 386. Bailey, J. M.
P. O. Box 72 (92)
Phone: HI 4-1824
- 387. Coldwell Inc., Michael S.
41 Lancaster Rd. (82)
Phone: HI 4-1142

SALES OFFICES

MASSACHUSETTS

NEEDHAM (cont.)

- 388. Crane Packing Co.
1116 Great Plain Ave. (92)
Phone: HI 4-7406
- 389. Dietzgen Co., Eugene
47 Kearney Rd.
- 390. Eastman Co. Inc., H. F.
Box 217 (92)
Phone: HI 4-7300
- 391. Gately, John J.
63 Linden St. (92)
P.O. Box 111
Phone: HI 4-3242
- 392. Lincoln Electric Co., The
1275 Highland Ave.
Phone: HI 4-4370
- 393. Martin, Edward T.
68 Melrose St.
Phone: HI 4-1187
- 394. Miller Assoc. Inc., Stewart
1000 Great Plain Ave. (92)
Phone: HI 4-0025
- 395. Nolan, D. H.
443 Great Plain Ave. (92)
- 396. Norfolk Industrial Supply
& Rubber Corp.
1404 Highland Ave. (92)
Phone: NE 3-5043
- 397. Oakite Products Inc.
47 Beaufort Ave. (92)
Phone: NE 3-5043
- 398. Pearse-Pearson Co.
945 Great Plain Ave. (92)
Phone: HI 4-1090
- 399. Phipps Machinery Co.
1237 Highland Ave. (92)
Phone: HU 2-2334
- 400. Powell, Robert E.
366 Warren Rd. (92)
P.O. Box 285
Phone: HI 4-0428
- 401. Warner & Swasey Co., The
20 Chestnut St. (92)
P.O. Box 215
Phone: HI 4-2124
- 402. White Sales Co.
945 Great Plain Ave. (92)

NEEDHAM HEIGHTS

- 403. Abely, William
1082 Highland
Phone: 3-2421
- 404. Arcos Corp.
45 Kearney Rd. (94)
Phone: HI 4-4088
- 405. Armstrong Cork Co.
200 1st Ave. (94)
New Eng. Industrial Center
- 406. Diehl Mfg. Co.
360 1st Ave. (94)
Phone: HI 4-4880
- 407. Dietzgen Co., Eugene
47 Kearney Rd. (94)
Phone: HI 4-5840
- 408. Elgin National Watch Co.
17 Brook Rd. (94)
- 409. Goodrich Industrial Products Co., B. F.
100 2nd Ave. (94)
Phone: HI 4-6100
- 410. Linde Co.
300 1st Ave.
- 411. Maxwell-Padelford Co. Inc.
17 Brook Rd. (94)
Phone: HI 4-9140
- 411A. Reliance Electric & Engrg.
70 Highland Ave.
Phone: HI 4-4280
- 412. Whitney Co., L. A.
50 Kearney Rd. (92)
Phone: HI 4-5050

NEW BEDFORD

- 413. Handy Co. Inc., Jonathan
38 Bethel St.
Phone: WY 7-9457
- 414. Industrial Supply & Engrg.
700 Kempton St.
Phone: WY 7-0703
- 415. Russell, Milhench & Harrison Co.
466 Acushnet Ave.
Phone: WY 5-7436

NEW HIGHLAND

- 416. DoALL Boston Co., The
32 Needham St. (61)

NEWTON

- 417. Black & Webster Sales
445 Watertown St. (58)
Phone: HI 4-6370
- 418. Engrg. Sales Corp.
P.O. Box 59
Phone: CE 7-9590
- 419. Fuller, Norman W.
33 Trowbridge St.
Box "C"
Phone: BI 4-7200 & 1
- 420. Hardinge Brothers Inc.
390 Centre St. (58)
Phone: DE 2-7650
- 421. Morris Co., Robert E.
Adams St. at Silver Lake
(95)
P.O. Box 68
Phone: DE 2-7907
- 422. Rollway Bearing Co. Inc.
69 Elmwood St. (58)
Phone: DE 2-7246
- 423. Wyman, George
156 Washington St. (58)
Phone: LA 7-5823

NEWTON CENTRE

- 424. Chasen & Co., H. D.
20 Brandeis Rd. (59)
Phone: RE 2-6631
- 425. Hub Safety Equip. Inc.
10 Nightingale Path (59)
- 426. Minn. Mining Mfg. Co.
1330 Centre St. (59)
Phone: DE 2-9810

NEWTON HIGHLANDS

- 427. DoALL Boston Co.
32 Needham St. (61)
Phone: DE 2-6270
- 428. Kinco Inc.
78 Winchester St. (61)
Phone: DE 2-3346
- 429. Producto Machine Co., The
45 Kenneth St. (61)
Phone: DE 2-8152
- 430. Williams & Son, John E.
50 Needham St. (61)
Phone: BI 4-0295

NEWTON LOWER FALLS

- 431. Engrg. Sales Corp.
P.O. Box 59 (62)
Phone: CE 7-9590
- 432. Ward-Weller Co.
2276 Washington St. (62)
Phone: DE 2-7400
- 433. Woody, Don E.
P.O. Box 39 (62)
Phone: CE 7-9700

NEWTONVILLE

- 434. Cuno Engrg. Corp., The
815 Washington St.
Phone: BI 4-8002
- 435. Resa Engrg. Sales
259 Walnut St.
Phone: DE 2-1200

NORTH ATTLEBORO

- 436. DeLucia, Frank
Washington Park
Phone: MY 9-4426
- 437. Franklin Hardware Co.
17 N. Washington St.
- 438. Franklin Tool Sales Co.
P.O. Box 1104
- 439. Johnson, Samuel E.
214 Elmwood St.
Phone: MY 9-8070

NORTHBORO

- 440. Cowles, Jr., Roger W.
19 Chestnut Hill Rd.
Phone: EX 3-2911

NORTH BROOKFIELD

- 441. Cooke Inc., Frank
Phone: VO 7-2892

NORTH DARTMOUTH

- 442. Continental Screw Co.
4 Costa St.
Phone: WY 3-5614

NORTH GRAFTON

- 443. Sterling Sales Inc.
780 Grafton St.
P.O. Box "H"
Phone: PL 7-0800

NORTH READING

- 444. Jackie, Robert
179 North St.
Phone: 4-3255

NORTH QUINCY

- 445. Wright, John E.
136 Elliot Ave. (71)
Phone: GR 2-4365

NORWOOD

- 446. Ledig, Charles W.
68 Tamworth Rd.
Phone: NO 7-4538

PITTSFIELD

- 447. Bearing Distributors
327 Fenn St.
Phone: 2-4496
- 448. Berkshire Mill Supply Co.
47 Clapp Ave.
Phone: HI 8-8266
- 449. Carr Supply Co.
547 North St.
- 450. Electric Supply & Repair Co. Inc.
48 Pearl St.
Phone: HI 2-1539
- 451. McKay, Mark C.
353 New Lenox Rd.
Phone: HI 3-1672
- 452. Roberts, Jr., E. L.
P. O. Box 237
Phone: 2-4723

QUINCY

- 453. Surface Combustion
1230 Hancock St. (69)
Phone: PR 3-8600
- 454. Tubular Rivet & Stud Co.
Weston Ave. (70)
Phone: PR 3-1776

RAYNHAM CENTER

- 455. Kenney, W. P.
Kenney Rd.
Phone: Van Dyke 4-5638

READING

- 456. Berg, Lawrence F.
10 Richards Rd.
Phone: RE 2-3257
- 457. Brailsford, Paul
45 Oak St.
Phone: RE 2-3981
- 458. Standard Gage Co. Inc.
88 Main St.
Phone: RE 2-1745
- 459. Technical Instruments Inc.
90 Main St.
Phone: RE 2-3930

REVERE

- 460. Harkins, Charles E.
149 Washington Ave.
Phone: AT 9-2796

ROSLINDALE

- 461. Joseph, G. F.
128 Poplar St.
Phone: FA 5-0965

ROXBURY

- 462. Ken-Line Products
85 Centre St. (19)
Phone: HI 2-7010

SALEM

- 463. Forbes Engrg.
19 Flint St.
Phone: PI 4-1693

SAXONVILLE

- 464. Sprague, R. W.
76 Griffin Rd.
Phone: TR 2-8888

SEEKONK

- 465. Long Assoc. Inc., Lee H.
45 Highland Ave.
Phone: ED 6-9410

SHREWSBURY

- 466. Campbell Machine Tool & Sales Co.
34 Ferncroft Rd.
Phone: VI 2-6610
- 467. Walent, Peter J.
89 Crescent St.
Phone: VI 2-6278
- 468. Winslow, Jr., Harry P.
196 N. Quinsigamond Ave.

SOMERVILLE

- 469. Baylies Co. Inc.
175 Walnut St. (45)
Phone: MO 6-0908
- 470. Boston Cooper Corp.
95 Holland St.
- 471. Diversey Corp., The
99 Elmwood St. (44)
Phone: MO 6-0860
- 472. Katz, Alexander
420 Somerville Ave. (43)
Phone: MO 6-5133
- 473. Pump Equip. & Engrg. Co.
79 Prospect St. (43)
Phone: MO 6-4444

SOUTH ACTON

- 474. Buxton Services Inc.
R. R. #1
Phone: CO 3-4143

SOUTH BOSTON

- 475. Boggs Supply Co.
35 Damrell St. (27)
- 476. Milne & Co. Inc., A.
631 E. 1st St. (27)
Phone: AN 8-5305
- 477. R-P&C Valve Div.
69 "A" St. (27)
- 478. Ross Cutter & Machine Co. Inc.
116 "B" St. (27)
Phone: AN 8-2393
- 479. Swendeman Inc.
570 E. 1st St. (27)
- 480. Thaxter-Boggs Co. Inc.
17 Powerhouse (27)
Phone: AN 8-5565
- 481. Welders Supply Co.
28 "B" St.

SOUTH BRAINTREE

- 482. Atlantic Abrasive Corp.
- 483. Ross, Harold
1899 Washington St.
Phone: VI 3-1634

SOUTHBIDGE

- 484. Amer. Optical Co.
Mechanic St.
Phone: PO 4-3248
- 485. Winter Co., G. C.
344 Main St.
Phone: PO 4-3244

SOUTHEASTERN

- 486. Reynolds Inc.

SOUTH LINCOLN

- 487. Mahan Co., R. P.
Phone: CL 9-9300

SOUTH SUDBURY

- 488. Methods Associated
120 Union Ave.

SPENCER

- 489. Fisher, Clayton F.
73 Cherry St.
Phone: TU 5-2473

SPRINGFIELD

- 490. Abrasives & Tools Inc.
131 Wayside Ave.
- 491. Allegheny Ludlum Steel Corp.
469-473 Taylor St. (1)
Phone: RE 4-4990
- 492. Allen-Bradley Co.
121 Chestnut St. (3)
Phone: RE 2-3430
- 493. Aluminum Co. of Amer.
508 Tarbell-Watters Bldg. (3)
- 494. Anderson, John M.
292 Worthington St. (3)
Phone: RE 4-1335
- 495. Ray State Elevator Co.
P. O. Box 1210 (1)
- 496. Bellows-Valva
748 Columbus Ave. (5)
Phone: SP 9-3903
- 497. Beryllium Corp., The
292 Worthington St.
Phone: RE 4-7581
- 498. Bethlehem Steel Co.
Security Bldg.
44 Vernon St. (3)
Phone: ST 5-5363
- 499. Briotta, Robert A.
32 Malborough St.

500. Carlisle Hardware Co.
90 Tapley St.
Phone: RE 4-3171
501. Case Sales Co. H. W.
145 State St. (3)
Phone: RE 6-3203
502. Cassidy Co., J. H.
P. O. Box 863 (3)
Phone: LA 5-2191
503. Chain Belt Co.
32 Park St. (5)
Phone: RE 6-2757
504. Chemical Corp.
54 Waltham Ave. (9)
Phone: RE 9-5601
505. Crucible Steel Co.
116 Liberty St. (3)
P. O. Box 248
Phone: RE 2-5158
506. Curtis Universal Joint Co.
Inc.
4 Birnie Ave. (7)
Phone: RE 7-0281
507. Cushing Inc., T. F.
1026 Bay St., (1)
P. O. Box 2049
Phone: ST 5-7341
508. Foss Co., W. J.
P. O. Box 2249
112-116 Broadway (1)
Phone: RE 7-0206
509. Gardner Machine Co.
1238 Parker St. (9)
Phone: ST 2-2929
510. General Electric Co.
120 Maple St. (5)
511. Graves Co., R. S.
1107 Columbus Ave.
Phone: RE 6-5497
512. Hay, Gordon T.
129 Sumner Ave. (8)
Phone: RE 4-8990
513. Houghton & Co., E. F.
P. O. Box 665
Phone: ST 8-7077
514. Jaeger Welding Supply Inc.
2040 Columbus Ave. (4)
515. Kennametal Inc.
758 Sumner Ave.
Phone: RE 4-1120, 4-1129
516. Lange Co.
988 State St. (9)
Phone: RE 6-1575
517. Lewis Co., Charles C.
209 Page Blvd.
518. Lincoln Supply Co.
1387 Main St.
Phone: RE 4-3622
519. MacBriar, Arthur H.
P. O. Box 223, Forest Park
Sta.
Phone: LO 7-3635
520. New England Blue Print
Paper Co.
78 Hillman St.
521. North Amer. Products Corp.
P. O. Box 1075
Phone: RE 6-8298
522. Pangborn Corp.
121 Lyman St. (3)
Phone: RE 3-2077
523. Parker-Hannifin Industrial
Sales Office
820 State St. (9)
Phone: RE 6-0814
524. Perkins Co., James A.
Valley Bank Bldg., Room
515
1537 Main St. (3)
Phone: RE 3-4729
525. Pioneer Tool Supply Co.
748 Columbus Ave.
Phone: RE 9-3885
526. Pump Equip. & Engrg. Co.
1537 Main St.
Phone: RE 3-7260
527. Radner, George
1134 Main St.
528. Riel Hardware
129 Dwight St.
529. Sharkey, Joseph F.
94 Glen Oak Dr. (9)
Phone: ST 2-4765
530. Springfield Industrial
Trucks Inc.
338 Rocus St. (4)
Phone: ST 4-8624

SPRINGFIELD (cont.)

531. Stacy Supply Co.
43 Taylor St.
P. O. Box 359
Phone: RE 3-3181
532. Standard Engrg. Co.
58 Roy St.
Phone: 7-4902
533. Standard Industrial Supply
Co. Inc.
246 Chestnut St.
Phone: RE 9-6981
534. Stedfast & Roulston Inc.
P. O. Box 1054
71 Roseland Terrace
Phone: SP 3-0971
535. Tri-State Industrial Supply
Co.
304 Belmont Ave. (8)
P. O. Box 429
Phone: RE 2-6262

STONEHAM

536. Dumore Co., The
P. O. Box 105 (80)
Phone: ST 6-2558

STOUGHTON

537. Sunnen Products Co.
292 Chemung St.
Phone: KE 6-8100 (Boston)
538. Yokubonis, A. F.
682 Sumner St.
Phone: FI 4-9326

SUDBURY

539. Denison Engrg. Div.
P. O. Box 154
Phone: OL 3-2462, Natick
540. Methods Associated
120 Union Ave.
Phone: HI 3-8811

TAUNTON

541. Pierce Hardware Co.
15 Main St.

THREE RIVERS

542. Liberty Tool & Supply Inc.
Bridge St.
Phone: PA 1100

TURNERS FALLS

543. Gulow & Co. Inc., E. M.

WAKEFIELD

544. Central Engrg. & Equip. Co.
P. O. Box 107
Phone: CR 9-0308
545. Test Systems Inc.
404 Main St.
Phone: CR 6-5366

WALTHAM

546. Alloy Rods Co.
11 Sun St. (54)
Phone: TW 4-3078
547. Bowley, Robert P.
201 Ash St.
Phone: TW 3-1876
548. Compo Shoe Machinery
Corp.
125 Roberts Rd. (54)
Phone: TW 4-3650
549. Crucible Steel Co.
45 1st Ave.
Mail: (Waltham Industrial
Center)
Whse: (Waltham Industrial
Center)
Phone: TW 4-6100
550. Derbyshire Inc., F. W.
157 High St.
551. Electrical Manufacturers
Service
690 Main St. (54)
P. O. Box 383
Phone: TW 3-0160
552. Ind. Steel Products
631 Main St., Room 7 (54)
Phone: TW 4-4941
553. Jones & Lamson Machine
Co.
Professional Bldg.
751 Main St.
Phone: TW 4-7030, 31, 32
554. Lund Mfg. Co.
267 Lexington St. (54)
Phone: TW 3-7761
555. May, Malcolm
830 Moody St.
Phone: TW 4-3331

Mendelsohns Inc.

- 469-473 Moody St. (54)
557. Niagara Machine & Tool
Works
500 Main St. (54)
Phone: TW 3-0652
558. Palmer Co. Inc., R. T.
131 Lexington St. (54)
P. O. Box 504
Phone: TW 4-4910
559. Thomson Mfg. Co.,
Judson L.
1 Sawyer Rd. (54)
Phone: TW 3-0857
560. Waltham Grinding Wheel
Co.
120 Bacon St.
561. Wilke Assoc., T. E.
Phone: TW 4-5335

WATERTOWN

562. Black & Webster Co.
570 Pleasant St. (27)
Phone: WA 6-0100
563. Hope Rubber Co. Inc.
128 Arlington St. (72)
Phone: WA 4-0350
564. Korfund Co. Inc., The
123 Water St.
Phone: WA 4-2377
565. Mallory & Co. Inc., P. R.
118 Main St.
Phone: WA 4-2214
566. Manning, Maxwell & Moore
Inc.
65 Grove St.
Phone: 42400

WAYLAND

567. Abt, Jerry
34 Old Connecticut Path
Phone: EL 8-2238
568. Industrial & Scientific In-
strument Co.
107 Old Sudbury Rd.
Phone: TW 3-7453

WEBSTER

569. Lanman Sales Co., The
10 Ardlock Rd.
Phone: 1727
570. Webster Machine Products
Co.
245 Main St.
P. O. Box 92

WELLESLEY

571. Brewer, George H.
14 Oakdale Ave. (81)
Phone: CE 5-4489
572. Brown Machinery Co., R. S.
14 Benton St. (81)
Phone: CE 5-4549
573. Chicago Rawhide Mfg. Co.
572 Washington St. (81)
Phone: CE 5-6721
574. Daystrom Inc.
96 Central St. (81)
Phone: CE 5-4300
575. Hubert Co., Edgar F.
66 Central St. (81)
Phone: CE 5-6815
576. Miller Assoc. Inc., Stewart
90 Livingston Rd. (81)
Phone: CE 5-5762
577. Moore Products Co.
6 Abbott Rd. (81)
Phone: CE 5-7350
578. Sheldon Co. Inc., A. B.
471 Washington St. (81)
Phone: CE 5-0393

WELLESLEY HILLS

579. Automation Components Co.
P. O. Box 115 (81)
Phone: CE 5-3334
580. Bullard Co., The
Haynes Bldg.
236 Washington St.
Phone: CE 5-1825
581. Cincinnati Milling & Grind-
ing Machines Inc.
236 Washington St. (81)
Phone: CE 5-4670
582. Edmonds, Larry
Box 115 (81)
Phone: CE 5-3334
583. Elax Corp. of Mich.
378 Washington St. (81)
Phone: CE 5-7111

MASSACHUSETTS

584. Exolon Co., The
47 River St. (82)
Phone: CE 7-9800
585. Fortune Metal Finishing Co.
3 Shelley Rd.
Phone: CE 5-5718
586. Fox Engrg. Co.
13 Eaton Ct. (82)
Phone: CE 5-4105
587. Harnischfeger Corp.
350 Washington St. (82)
Phone: CE 5-6810
588. Leland-Gifford Co.
P. O. Box 69
Phone: CE 5-4332
589. Long Assoc. Inc., Lee H.
54 Washington St.
Phone: CE 5-9400
590. Marathon Electric Mfg. Co.
354 Washington St. (82)
Phone: CE 5-6868
591. National Automatic Tool Co.
Inc.
336 Washington St.,
Haynes
Bldg. (82)
Phone: CE 5-5237
592. Parker-Hannifin Industrial
Sales Office
980 Worcester St. (81)
Phone: CE 7-0124
593. Siebert Co., M. A.
192 Worcester St. (81)
Phone: CE 5-2900
594. Spaulding Fibre Co. Inc.
44 Washington St. (82)
Phone: CE 5-2100
595. Swift Ohio Corp.
200 Oakland St.
Phone: CE 5-7931
596. Whiting Corp.
980 Worcester St. (81)
Phone: CE 5-6710
597. Young & Assoc. Inc.,
W. Wirt
P. O. Box 158 (81)
Phone: CE 5-3529
- WESTBORO**
598. Draper, John S.
Cortland Dr.
Phone: FO 6-4177
599. Handlin, Paul E.
3 Underwood Ct.
Phone: FO 6-2898
600. Jones, Richard W.
98 Wood St., R. F. D.
Phone: TR 2-4949
601. Mfg. Supplies Inc.
Boston Tpke.
P. O. Box 356
Phone: PL 2-4602
602. Weber, E.
Rural Box #459
Route #1
Phone: FO 6-4578
- WEST BOYLSTON**
603. Maker Tool Service
262 Maple St.
- WESTFIELD**
604. Bendix Aviation Corp.
23 Church St.
605. Gaylord, Richard N.
P. O. Box 433
Phone: LO 2-6357
606. Oakite Products Inc.
454 E. Mountain Rd.
Phone: LO 8-7893
607. Tinney, Leland J.
104 Larchley Ave.
Phone: LO 2-6180
- WEST LYNN**
608. Bona Machine Sales
- WEST MEDFORD**
609. Merrow, Phillip
46 Dover St.
Phone: EK 5-4178
- WEST MEDWAY**
610. Williams, Archie
P. O. Box 86
Phone: KE 6-1101
- WEST NEWTON**
611. Automatic Switch Co.
1447 Washington St. (65)
Phone: LA 7-5701-1
BX 4-6626-7

SALES OFFICES

MASSACHUSETTS

WEST NEWTON (cont.)

- 612. Church Co., Nelson R.
89 Elm St.
Phone: BI 4-6165
- 613. Godino Machine Co.
Elm & Border Sts.
Phone: BI 4-0769
- 614. Parker Inc., Frank A.
99 Elm St.
Phone: BI 4-2070
- 615. Precision Tool Service
99 Elm St.
Phone: DE 2-6611
- 616. Shepard Equip. Co.
76 Chestnut St. (85)
Phone: BI 4-6744
- 617. Wickersham & Co., Wm. B.
1449 Washington St. (65)
Phone: BI 4-4020

WESTON

- 618. Drowne Machinery Assoc.
P. O. Box 276 (93)
Phone: TW 4-9277
- 619. Etter Engrg. Co.
P. O. Box 47
40 Lantern Lane
Phone: TW 3-8658

WEST SPRINGFIELD

- 620. Abrasives & Tools Inc.
131 Wayside Ave.
Phone: RE 3-5155-6-7
- 621. Knox Inc.
528 Main St.
Phone: ST 8-9691
- 622. Page Co. Inc., Kenneth B.
P. O. Box 87
140 Baldwin St.
Phone: RE 6-0317
- 623. Peaslee-Wells Inc.
1285 Riverdale St.
P. O. Box 149
Phone: RE 3-6648
- 624. Tex Bearing Co. Inc.
536 Main St.
Phone: RE 2-3168
- 625. Tri-State Industrial
149 Wayside Ave.

WESTWOOD

- 626. Byron, G. W.
77 Greenhill Rd.
Phone: NO 7-2878
- 627. Fluid Power Products
727 High St.
- 628. Shea, Joseph W.
Barlow Bldg.
571 High St.
Phone: DA 6-7100, 6-7101
- 629. Sheehy, L.
Haslam Bldg., Room 12
727 High St., P. O. Box 327
Phone: DA 6-5665
- 630. Smith, Russell E.
98 Green Hill Rd.

WILBRAHAM

- 631. Lovatt, George
P. O. Box 52

WILKINSONVILLE

- 632. Worcester Deburring Co.
Inc.
Mill St.
Phone: UN 5-2768

WINCHENDON

- 633. General Box Co.
Franklin St.
Phone: WI 304

WINCHESTER

- 634. Campbell Sales Co., C. R.
P. O. Box 85
56 Salisbury
Phone: PA 9-4391
- 635. Farrell, Gordon
6 Sargent Rd.
Phone: PA 9-1668

WOBURN

- 636. Brodie Industrial Trucks
Inc.
299 Mishawum Rd.
Phone: WE 3-6200
- 637. Industrial Filter & Equip.
Co.
11 Minchin Dr.
Phone: WE 3-1714

WORCESTER

- 638. Advance Bearing & Supply
Co. Inc.
9 May St.
- 639. Aluminum Co. of Amer.
22 Pleasant St. (8)
- 640. Austin-Hastings Co. Inc.
318 Shrewsbury St. (4)
Phone: PL 6-2415
- 641. Barrett Co., The Leon J.
Grafton Rd. (1)
Phone: PL 5-4306
- 642. Bellows-Valvaire
20 Houghton St. (4)
Phone: PL 7-5909
- 643. Berkshire Machinery Co.
340 Main St.
Phone: PL 7-5475
- 644. Botwinik Brothers of Mass.
Inc.
2 Sherman St.
Phone: WO 6-5175
- 645. Braeburn Alloy Steel Corp.
1051 Southbridge St. (10)
Phone: PL 7-4533
- 646. Brierly, Lombard & Co. Inc.
107-109 Foster St. (8)
Phone: PL 6-4325
- 647. Burton Saw Co.
91 Foster St. (8)
Phone: PL 5-4379
- 648. Childs Co. Inc., A. S.
55 Millbrook St. (6)
Phone: PL 3-1458
- 649. Colonial Machinery &
Rebuilders
84 Central St.
- 650. Cook, John
37 Indian Hill Rd. (6)
Phone: PL 5-1418
- 651. Erickson Tool Co.
55 Millbrook St. (5)
Phone: PL 4-7411
- 652. Fluid Specialties
Box 14 (6)
- 653. General Electric Co.
288 Grove St. (5)
Phone: PL 2-3741
- 654. Grant, B. Thomas
394 Massachusetts Rd.
- 655. Hall Co., Arthur S.
12 Walnut Hill Dr.
Phone: 3-2767
- 656. Hall, Edward C.
96 Dewey St. (10)
Phone: PL 5-8689
- 657. Heald Machine Co., The
10 New Bond St. (6)
Phone: PL 5-3191
- 658. Hook Co. Inc., H. C.
135 South St.
P. O. Box 237
Phone: TE 2-2114
- 659. Houston, Raymond J.
18 Hartford Rd. (6)
Phone: SW 9-0336
- 660. Industrial Supplies of Wor-
cester Inc.
212 Summer St. (8)
Phone: PL 7-6351
- 661. Industrial Systems Co.
55 Millbrook St. (5)
Phone: PL 3-6745
- 662. Johnson & Bassett Inc.
114 Foster St.
- 663. Koebel Diamond Tool Co.
677 Cambridge St. (10)
Phone: PL 6-6251
- 664. Lincoln Air Hydraulic Corp.
823 Main St.
Phone: PL 2-0623
- 665. Lincoln Supply Co.
340 Main St.
Phone: PL 2-0623
- 666. Lindeco Inc.
765 W. Boylston St. (6)
Phone: PL 6-4637
- 667. Logan Co.
2 Malden St. (6)
Phone: PL 2-6180
- 668. MacDuff Co., Howell
91 Prescott Ave. (5)
Phone: PL 4-6738
- 669. Mfg. Supplies Inc.
175 Mechanic St. (8)
Phone: PL 2-4602
- 670. Mill & Factory Supplies Inc.
205 Summer St. (8)
Phone: PL 7-7785
- 671. Morris Co., Robert E.
P. O. Box 1383
Phone: PL 2-3675
- 672. New England Tool Supply
Co. Inc.
529 Sunderland Rd. (4)
Phone: PL 4-8250
- 673. Norton Co.
New Bond St. (6)
Phone: SW 8-2311
- 674. Oakite Products Inc.
35 Hancock Hill Dr. (9)
Phone: PL 2-3400
- 675. Production Tools Inc.
17 Hermon St. (8)
Phone: PL 5-7243
- 676. Ramsdell Industrial Supply
Co.
61 Milton St. (1)
P. O. Box 728
Phone: PL 5-3188
- 677. Rudel Machinery Co. Inc.
152 Russell St. (1)
P. O. Box 366
Phone: WO 2-1371
- 678. Smith Co., Thomas
288 Grove St. (5)
Phone: 7-7741
- 679. Springfield Industrial
Trucks Inc.
58 SW. Cut Off
- 680. Steele Co., W. M.
171 Fremont St. (3)
Phone: PL 7-3821
- 681. Sterling Sales Inc.
787 Main St.
- 682. Standard Foundry Co.
Southgate & Armory Sts.
(10)
Phone: PL 5-5283
- 683. Sun Oil Co.
165 Boylston St. (6)
Phone: PL 6-7139
- 684. Tek Bearing Co. Inc.
50 Portland St.
Phone: PL 2-1976
- 685. Terpo Co., C. T.
23 Eagle Rd. (5)
Phone: PL 3-1166
- 686. United Machinery & Tool
Corp.
81 Thomas St. (8)
Phone: PL 6-7171
- 687. Universal-Cyclops Steel
Corp.
15 Sagamore Rd. (5)
Phone: PL 6-3563
- 688. Vickers Inc.
522 Park Ave. (3)
Phone: SW 8-3706
- 689. Waite Hardware Co.
189 Front St. (8)
Phone: PO 4-7951
- 690. Washburn-Garfield Co.
171 Commercial St.
Phone: PL 5-3124, 5, 6
- 691. Welders Supply of
Worcester Inc.
21 Garden St. (5)
Phone: PL 7-4529
- 692. Woodis Industrial Supply
Co.
131 Central St. (8)
Phone: PL 5-6194
- 693. Worcester Chemical Distrib-
utors Corp.
100 Webster St.
Phone: PL 6-3586
- 694. Worcester Oxy-Acetylene
Supply Co.
1000 Southbridge St.
Phone: PL 5-2696

WRENTHAM

- 695. Stringer, H. Irving
471 Franklin
P. O. Box 365
Phone: EV 4-3233

MICHIGAN

ADRIAN

- 1. Beal Supply Co.
921 S. Main St.
Phone: CO 5-5193
- 2. Bridgeport Brass Co.
1450 E. Beecher St.
Phone: CO 5-5161
- 3. Clark, Herbert R.
2535 Airport Rd.
Phone: CO 3-1510
- 4. Supplies Inc.
302 S. Tecumseh St.
Phone: CO 5-7141

- 5. Tri-County Welding Sup-
plies
1033 Lowe Ave.

ALLEGAN

- 6. Carness-Ramey
116 Wolcott Ave.
Phone: OR 3-4251

ALLEN PARK

- 7. Goodrich Industrial Prod-
ucts Co., B. F.
16500 Oakwood Blvd.
Phone: CR 8-7000
- 8. Northwest Chemical Co.
9644 Quandt
Phone: DU 2-1804

ALPENA

- 9. Alpina Supply Co.
Corner 10th & McKinley
- 10. Fochtman Motor Co.
Phone: 1006
- 11. M. & H. Supply Co.
349 N. 2nd Ave.
Phone: EL 6-0435
- 12. Thunder Bay Mfg. Corp.
10th & McKinley Aves.
Phone: EL 4-3181

ANN ARBOR

- 13. Adams, Chester
1610 E. Stadium Blvd.
Phone: NO 2-7449
- 14. Bellows-Valvaire
330 Municipal Court Bldg.
Phone: NO 3-3717
- 15. Esaco Products
2392 Grant Dr.
Phone: NO 5-6720
- 16. Obee, Mill T.
860 Arlington Blvd.
Phone: WE 3-4801
- 17. Royall Inc.
4705 Washtenaw Rd.
Phone: NO 3-8561

AUGUSTA

- 18. Industrial Tool Service
490 Allendale Beach
Phone: MA 9-9374

BATTLE CREEK

- 19. Braund, Richard J.
562 Breezy Bluff
Phone: WO 3-9137
- 20. Central Tool Supply
223 E. Michigan Ave.
Phone: WO 2-5517
- 21. Detroit Ball Bearing Co.
515 Capital, SW.
- 22. General Electric Co.
607 Security National
Bank Bldg.
Phone: WO 2-5431
- 23. Kendall Industrial Supplies
Inc.
125 Grand Trunk Ave.
Phone: WO 2-4088
- 24. Parker-Hannan Indus-
trial Sales Office
116 Fremont St.
Phone: WO 4-1517
- 25. Phillips, G. F.
223 E. Michigan Ave.
Phone: WO 2-5517
- 26. Priest Motor & Mill Supply
103 South Ave.
- 27. Reynolds Metals Co.
202 Weller Bldg.
700 Capital Ave., SW.
Phone: WO 2-9579
- 28. Sherman, L. K.
503 Post Bldg.
Phone: WO 3-3012
- 29. Welders Supplies of Battle
Creek
210 W. Van Buren St.

BAY CITY

- 30. Duch, Jr., Peter
703 Midland Rd.
Phone: TW 3-2077
- 31. Huber Supply & Equip. Co.
500 S. Sherman St.
- 32. Jennison Hardware Co., The
901 N. Water St.
Phone: TW 5-5531
- 33. K-C Welding Supply Co.
1207 18th St.
Phone: BA 5806

SALES OFFICES

34. Kober Sales Engrg. Co.
506 S. Chilton St.
Phone: TW 2-2629
35. Lowery Co., The
701-707 Saginaw St.
Phone: TW 3-6521
36. Meisel Hardware & Supply Co.
1008-12 N. Water St.
Phone: 4587
37. Schmidt Machine Sales
403 Stanton St.
Phone: TW 2-3607
38. Frederick B. Smith
2123 Center Ave.
Phone: TW 5-5603
39. Stover, Arthur D.
3149 Old Kawkawlin Rd.
Phone: TW 2-6788

BENTON HARBOR

40. Brammell Supply Co.
196-202 Water St.
P. O. Box 416
Phone: WA 6-2111
41. Detroit Ball Bearing Co.
P. O. Box 193
42. Ex-L Saw Service
182 Territorial Rd.
43. Industrial Equip. & Supply Co.
211 W. Main St.
Phone: WA 6-6195
44. Jackson-Fotach Co.
P. O. Box 356
Phone: WA 5-7266
45. Kendall Industrial Supplies
1286 Pipestone Rd.
Phone: WA 5-0005
46. Newhouse, Harold W.
P. O. Box 356
Phone: BE 5-7266
47. Schrader Welding Supplies Inc., C. A.
471 W. Main St.

BERKLEY

48. M-C Sales Co.
3964 W. 11 Mile Rd.
Phone: LI 7-3635
- 48A. Reliance Electric & Engrg. Co.
2734 W. 11 Mile Rd.
Phone: LI 8-9000
49. Roberts Co., James W.
P. O. Box 1025
Phone: EL 7-1531
50. United Welders Inc.
3036 12 Mile Rd.
Phone: LI 5-8284

BIG RAPIDS

51. Hanchett Mfg. Co.
Phone: TR 6-8870

BIRMINGHAM

52. Abbey-Etna Machine Co.
6915 E. Dartmoor Rd.
Phone: MA 6-5344
53. Ajax Magnethermic Corp.
Stevens Bldg. B2
1025 E. Maple Ave.
Phone: JO 6-4747
54. Alemite Co., The
850 Maple Rd.
Phone: JU 8-2200
55. Blessed, Charles W.
323 Wimbleton
Carpenter Co., Bert
361 Briggs Bldg.
Phone: MI 4-5858
57. Clagett, T. E.
1205 S. Bates
Phone: MI 6-2191
58. Durston, Jr., M. H.
2258 Pine St.
Phone: MI 6-6144
59. Empire Tooling Assoc.
148 S. Woodward Ave.
Phone: MI 6-7090
60. Enroth Co., The
148 Pierce St.
Phone: MI 6-7090
61. Fay, William C.
7138 Ward Eagle Rd., N.
Phone: MA 6-3663
62. Fortune & Son, J. R.
P. O. Box 334
Phone: JO 6-1588
63. Hamilton, H. G.
6570 Franklin Rd.
Phone: MA 6-3021

64. Henkel, Jr., C. F.
741 Westbourne Dr.
Phone: TW 1-8810
65. Iversen Sales Co.
P. O. Box 178
Phone: EL 6-0396
66. Johnson, Robert J.
706 Westbourne Dr.
Phone: MI 6-9639
67. Lathrup Industries Inc.
124 S. Woodward Ave.
Phone: MI 6-5675
68. Lemon & Assoc., Clayton H.
23630 W. 13 Mile Rd.
Phone: MI 6-5675
69. Matthews-Wallace & Co.
1100 N. Woodward Ave.
Phone: MI 6-4244
70. Mid-States Sales Co.
2161 W. Lincoln
Phone: MI 6-2622
71. Murphy Co., George W.
P. O. Box 201
Phone: JO 6-4798
72. Olson, Co., T. E.
16211 Locherbie
Phone: MI 6-5956
73. Rich-Wing Corp.
Creson Bldg.
2480 W. Maple Rd.
Phone: MI 6-9600
74. Rittger, Herman
4811 Tullamore Dr.
Phone: MI 6-5664
75. Ryan, Robert B.
Jalkins Bldg., Suite 212
Phone: JO 6-3826
76. Schlachter, H. T.
820 Yarmouth
Phone: UN 2-4488
77. Sharp, Milo
3849 Oakhills Dr.
Phone: MI 6-0203
78. Sterling Sales Inc.
310 S. Williamsbury Rd.
Phone: MI 6-0858
79. Swindler, L. W.
610 N. Woodward Ave.
Phone: MI 4-5331
80. Wallace Co., The Richard
1100 N. Woodward Ave.
P. O. Box 62
Phone: MI 6-4344
81. Whiting Corp.
975 S. Hunter Blvd.,
Room 202
Phone: MI 6-5157
82. Wyatt, Robert C.
231 S. Glenhurst
Box 177
Phone: MI 4-7786

BLOOMFIELD HILLS

83. Pilcher, E. K.
Box 343
Phone: MI 6-4227
84. Simpson, Harold N.
2611 Pendleton Rd.
Phone: FE 5-7030
85. Zucker Engrg. Co.
708 W. Longlake Rd.
Phone: MI 6-1270

BRIDGEPORT

86. Revere Industrial Engrg.
6273 Dixie Hwy.
Phone: PL 5-7729

BUCHANAN

87. Slack Co., Art
P. O. Box 192
Phone: OX 5-6661

BURR OAK

88. Doerr Products Corp.
Phone: HU 9-2515

CADILLAC

89. Bendle, C. L.
323 S. Mitchell St.
Phone: PR 5-2232

CARROLLTON

90. Reese Tool Service
404 Hickory St.

CENTERLINE

91. Brant & Cochran Tool Supplies, Inc.
8044 E. 10 Mile Rd.
Phone: SL 7-4110
92. Drillmatic Co. Inc.
6500 E. 11 Mile Rd.
Phone: JE 9-2030

CHESANING

93. Adams, Everett
17212 Sharon Rd.
Phone: VI 5-3446

CLARKSTON

94. Roadway, Elmer J.
7400 Deer Lake Rd.
Phone: MA 5-3676
95. Jyleen Machinery Sales, Jack
Phone: MA 5-7441
96. Richmond, H. E.
6101 Overlook Dr.
Phone: MA 5-5031

CLAWSON

98. Future Products Tool Corp.
885 N. Rochester Rd.
Phone: JO 6-2398
99. Munyan, Ralph K.
649 Phillips St.
Phone: JU 8-2535
100. Stanzuk, T. A.
101 Kimsford Dr.

COMSTOCK

101. Cleveland Tramrail Grace Co.
P. O. Box 67
Phone: FI 4-4775

COMSTOCK PARK

102. Wempa, E. T.
747 7 Mile Rd.
Phone: EM 1-2883

CORUNNA

103. Allied Steel Products Div.
110 E. Mack St.

DEARBORN

104. Adams Carbide Corp.
24141 Ann Arbor Trail (6)
Phone: LO 5-2600
105. Bausch & Lomb Optical Co.
30200 W. Outer Dr.
Phone: LO 1-8860
106. Beryllium Corp., The
5649 Van Born Ct. (9)
Phone: CR 6-9300
107. Bryant-Detroit Co.
4862 Greenfield Rd.
Phone: LU 1-5566
108. Carrier Corp.
5301 Oakman Blvd.
Phone: LU 4-2701
109. Courtney, John E.
618 N. Rosevere
Phone: CR 4-1775
110. Courtney, John W.
401 S. Highland Ave.
Phone: LO 1-0454
111. Del's Trubling Service
232 N. Rosemary (6)
Phone: LO 2-5537
112. DeVries, Jon
1520 Highview
Phone: LO 5-0361
113. Goldman & Co., Harvey
2900 Schaefer Hwy.
Phone: TI 6-4450
114. Gottman Machinery Co.
13325 Leonard St. (2)
Phone: LU 1-3800
115. Gray Equip. Sales Co.
13600 Ford Rd.
Phone: TI 6-7574
116. Heise, William F.
144 Beechmont Ave.
Phone: LO 3-8847
117. Huron Machine Products Inc.
6252 Monroe Blvd.
P. O. Box 2274
Phone: LO 5-0400

118. Johnson Mfg. Co., William
1100 N. Telegraph Rd. (7)
Phone: LO 1-6668
119. Jones Engrg. & Machinery Co.
2451 Monroe Blvd.
Phone: LO 5-9260
120. Little Co., Robert S.
936 N. Telegraph Rd. (6)
P. O. Box 5026, Teleford Station
Phone: LO 3-2700
121. Livernols Engrg. Co.
25300 Trowbridge
Phone: CR 5-0200

MICHIGAN

122. McKenna Sales Co.
24141 Ann Arbor Trail (6)
Phone: LO 5-2808
123. McMullen Tool Supply Co.
12720 Ford Rd. (2)
Phone: LU 4-4300
124. Miller Electric Mfg. Co. Inc.
705 S. Highland
Phone: LO 1-4933
125. Reed-Prentice Div.
23705 Michigan Ave.
Phone: LO 3-4639
126. Rheault, Robert
6553 Rockdale
Phone: CR 8-1370
127. Robb-Lee Co.
2547 Monroe Blvd.
Phone: LO 5-4300
128. Russell Co., The
15234 Michigan Ave. (2)
Phone: TI 6-4287
129. Special Engrg. Service Inc.
7630 Wyoming
Phone: LO 3-4639
130. Strong Engrg. Inc.
2211 Monroe
Phone: LO 5-7155
131. Teeple, W. C.
165 S. Highland
Phone: LO 1-7394
132. Trombly, Harold J.
10641 Haggerty Ave. (1)
Phone: TI 6-7280
133. Villani, F. A.
7008 Rosemary (6)
Phone: LO 3-1256
134. Wheelrite Diamond Tool Co.
8044 Dudley
Phone: DU 3-4639
135. Wright Co., F. B.
9999 Mercier St.
Phone: VI 3-8250

DETROIT

136. Abrasive & Supply Co.
15443 Woodrow Wilson Ave.
Phone: TO 9-1250
137. Ace Bushing Co. Inc.
10620 W. 9 Mile Rd. (37)
Phone: LI 8-0777
138. Acheson Colloids Co.
415 Brainerd (1)
Phone: TE 3-9028
139. Acme-Detroit Saw Corp.
528 Fort St., E.
Phone: WO 2-1841
140. Acme Elevator Co.
3950 Grandy Ave. (7)
Phone: WA 1-9424
141. Acme Steel Co.
14225 Schaefer Hwy. (27)
Phone: VE 6-4500
142. Acous-Trol Corp.
18130 Fenkell
Phone: VE 8-2026
143. Addy & Luby Machinery Co.
8345 Lynch Rd. (34)
Phone: WA 2-0640
144. Ajax Electric Salt Bath Furnaces
19449 James Couzens Hwy. (35)
Phone: BR 3-1211
145. Allegheny Ludlum Steel Corp.
1500 Jarvis Ave. (20)
Phone: JO 4-6900
146. Allen-Bradley Co.
6750 E. Davison Ave. (12)
Phone: TW 3-7500
147. Allied Research Products Inc.
400 Midland Ave. (3)
Phone: TU 3-0100
148. Allis-Chalmers
17170 W. 7 Mile Rd. (35)
Phone: BR 3-6400
149. Allis Co., The Louis
337 Curtis Bldg.
2842 W. Grand Blvd. (2)
Phone: TR 5-5622
150. Aluminum Co. of Amer.
610 New Center Bldg. (2)
Phone: TR 1-8100
151. Amchem Products Inc.
10225 W. McNichols Rd. (21)
Phone: UN 4-8784

SALES OFFICES

MICHIGAN

DETROIT (cont.)

152. Amer. Brass Co., The
174 S. Clark Ave. (31)
Phone: TA 5-3500
153. Amer. Felt Co.
3000 E. Jefferson Ave. (7)
Phone: LO 7-7010
154. Amer. Metaseal of Detroit
18666 Fitzpatrick (28)
Phone: VE 8-5941
155. Amer. Optical Co.
8865 Schaefer Rd. (28)
Phone: WE 3-5761
156. Amer. Screw Co.
502 Stephenson Bldg. (2)
Phone: TR 5-4331
157. Amer. Twist Drill Co.
14301 W. Chicago Blvd.
(28)
Phone: WE 3-2800
158. Ames Co., B. C.
668 Pallister Ave. (2)
Phone: TR 5-6736
159. Ames, W. F.
82 Lothrop Ave.
Phone: TR 1-0738
160. Ampco Metal Inc.
4612 Woodward Ave. (1)
Phone: TE 2-2540
161. Anderson, Clarence
1403 E. State Fair (3)
Phone: TW 1-3000
162. Anderson Co., E. B.
12810 Puritan Ave.
Phone: UN 2-7705
163. Anderson Engrg. Co.
13671 Grand River
Phone: VE 6-9001
164. Anderson Oil & Chemical
Co. Inc.
10234 Grand River (4)
Phone: TR 4-7676
165. Andrews & Owen
22431 Grand River Ave.
(19)
Phone: KE 7-2880
166. Antonik, Michael
10049 Asbury Park (27)
Phone: VE 6-5108
167. Armstrong Cork Co.
Free Press Bldg.
321 Lafayette Ave., W.
(26)
168. Aro Equip. Corp., The
8799 Lyndon Ave. (38)
Phone: WE 3-4801
169. Ash & Co.
5100 Grand River
Phone: TY 4-2258
170. Ashton Tool Supply Co.
15036 Fenkell Ave. (27)
Phone: BR 3-2833
171. Associated Machinery Sales
147 Jos. Campano Ave. (7)
Phone: LO 7-2434
172. Atlas Foundry Co.
131 S. Livernois Ave. (17)
Phone: VI 1-6530
173. Austerberry's Sons, J. C.
2921 E. Grand Blvd. (2)
Phone: TR 5-6430
174. B-H Tool & Supply Co., The
570 W. 8 Mile Rd. (20)
Phone: JO 6-7943
175. Babcock & Wilcox Co., The
1717 Ford Bldg. (26)
Phone: WO 1-0630
176. Baker Industrial Trucks
26000 W. 8 Mile Rd. (41)
Phone: KE 7-2100
177. Baker & Assoc., Paul R.
15733 James Couzens
Hwy. (38)
Phone: UN 4-5733
178. Baldwin, Roy
21935 Beech Rd. (41)
Phone: LI 2-5727
179. Bamal Corp.
8051 W. Chicago Blvd.
Phone: WE 3-6851
180. Barber-Colman Co.
523 New Center Bldg. (2)
Phone: TR 5-4288
181. Barch, Edward A.
2842 W. Grand Blvd. (2)
Phone: TR 5-9896
182. Barnes Drill Co.
13121 Puritan Ave. (27)
Phone: DI 1-9706
183. Barnes, Gordon A.
9992 Riverdale (39)
Phone: FO 6-4893
184. Barnes Corp., John S.
503 New Center Bldg. (2)
Phone: TR 1-1706
185. Barrymount Corp., The
18401 E. Warren Ave.
Phone: TU 5-7989
186. Bartling Co., I. H.
19601 Schoolcraft
Phone: BR 3-0393
187. Barton Co. Inc., Charles F.
15529 Woodrow Wilson
(38)
Phone: TO 5-3100
188. Basic Service Corp.
16544 Plymouth Rd.
Phone: VE 7-8820
189. Bausum Co., J. K.
414 Stephenson Bldg. (2)
Phone: VI 3-1153
190. Baxter Co., A. J.
8631 W. Jefferson Ave.
Phone: VI 3-1153
191. Bay State Tap & Die Co.
2929 E. Grand Blvd. (2)
Phone: TR 2-7060
192. Beck Electrical Sales Co.,
L. H.
18045 James Couzens
Hwy. (35)
Phone: UN 4-4833
193. Behr-Manning Co.
13140 Foley Ave. (27)
Phone: TE 4-7100
194. Belknap Co., Van F.
15016 Fenkell Ave. (27)
Phone: VE 7-7969
195. Bellows-Valvair
13222 Puritan Ave. (27)
Phone: BR 3-6740
196. Beloit Tool Corp.
22219 Fenkell Ave.
Phone: KE 4-7727
197. Bennett & Co. Inc., J. H.
8916 Greenfield Rd. (28)
Phone: BR 3-6944
198. Berges, A. C.
402 Lexington Bldg.
2970 W. Grand Blvd. (2)
Phone: TR 5-7026
199. Berk, Jr., William E.
410 Curtis Bldg.
2842 W. Grand Blvd. (2)
Phone: TR 3-4500
200. Bertsch Machinery Co.
1009 Franklin St. (7)
Phone: W 1-7557
201. Bealy-Welles Corp.
16509 Meyers Rd. (35)
Phone: UN 3-4805
202. Bethlehem Steel Co.
General Motors Bldg.
3044 W. Grand Blvd. (2)
Phone: TR 5-9720
203. Bigelow, Charles A.
802 Fisher Bldg.
Phone: TR 2-7711
204. Birmingham & Conner Ma-
chinery Co.
19425 W. McNichols Rd.
(19)
Phone: KE 7-8540
205. Black & Decker
3028 E. Grand Blvd. (2)
Phone: TR 5-1742
206. Blakeslee & Co., G. S.
424 Book Bldg.
Phone: WO 2-0121
207. Bliss Co., E. W.
6770 E. Davison (34)
Phone: FO 6-5180
208. Boales & Assoc., Wm. G.
1150 W. Baltimore Ave.
(2)
Phone: TR 2-4242
209. Bott, Don
11348 Fenton
Phone: PR 1-6200
210. Bousom Co., J. K.
314 Stephenson Bldg.
Phone: TR 3-4148
211. Boyar-Schultz Corp.
14311 W. 8 Mile Rd. (35)
Phone: DI 1-3636
212. Boyer-Campbell Co.
6540 St. Antoine St. (2)
Phone: TR 5-8580
213. Boyko Engrg. Co., John
Ave. (5)
Phone: DR 1-2840

DETROIT (cont.)

214. Bradford Assoc., J. L.
14241 W. McNichols Rd.
(35)
Phone: BR 2-1264
215. Bradley Machinery Sales
Co., The
4400 Conner (15)
Phone: VA 1-3341
216. Brady Co., W. H.
416 W. Woodland (20)
Phone: LI 3-0350
217. Brandt Sales & Supply Co.,
H. S.
4225 Harvard Rd. (24)
Phone: TU 5-5757
218. Brant & Cochran
26325 W. 8 Mile Rd. (40)
Phone: KE 5-2100
219. Brant, Steve
15756 Wyoming Ave. (38)
Phone: UN 4-2846
220. Bridgeport Brass Co.
15827 James Couzens
Hwy. (38)
Phone: UN 4-8032
221. Bristol Co., The
10329 W. McNichols Rd.
(21)
Phone: UN 4-4284
222. Brock Tool of Detroit Inc.
13564 Grand River (27)
Phone: VE 6-9755
223. Brooks & Perkins Inc.
1950 W. Fort St. (16)
Phone: TA 5-5900
224. Brown, D. A.
82 Lothrop Ave.
Phone: TR 1-0738
225. Brown Machinery Co.,
Robert F.
3100 Grand River Ave.
(8)
Phone: TE 2-3540
226. Brown & Sharpe Mfg. Co.
13220 Puritan Ave. (27)
Phone: BR 2-1096
227. Bryant Chucking Grinder
Co.
1200 Oakman Blvd. (32)
P. O. Box 386
Phone: TO 8-3900
228. Buckeye Tools Corp.
17311 W. 7 Mile Rd. (35)
Phone: BR 3-2361
229. Bueter, T. J.
18227 Faust Rd. (19)
Phone: KE 2-1177
230. Bugg, R. A.
82 Lothrop Ave.
Phone: TR 1-0738
231. Bullard Co., The
16601 James Couzens Hwy.
(21)
Phone: DI 1-1046
232. Bunting Brass & Bronze Co.
17550 Wyoming Ave. (21)
Phone: UN 4-4322
233. Burgmaster Michigan Sales
17370 W. 8 Mile Rd.
Phone: LI 8-4333
234. CSA
4920 E. Nevada Ave (34)
Phone: FO 6-4400
235. Cadmet Corp.
20801 Ryan Rd. (34)
Phone: JE 9-2220
236. Cahill Co., Walter F.
19030 W. McNichols Rd.
(19)
Phone: KE 7-0800
237. Cameron, Jr., David G.
15400 Gilchrist Ave. (27)
238. Cameron Co., Gordon N.
10725 W. McNichols Rd.
(21)
Phone: DI 1-3342
- 238A Card Div., S. W.
1625 E. McNichols Rd. (3)
Phone: TW 3-5640
239. Carman-Adams Inc.
15760 James Couzens Hwy.
(38)
Phone: UN 3-9100
240. Carolin Foundry & Machine
Co., R. B.
3633 Military Ave. (10)
Phone: TA 5-1338
241. Carpenter Co., N. H.
18054 Sussex Ave. (35)
Phone: VE 8-0548
242. Carpenter Steel Co., The
7170 E. McNichols Rd.
(12)
Phone: FO 6-3400
243. Carter Controls
19741 James Couzens
Hwy. (35)
Phone: BR 3-3242
244. Caspers, Harry F.
2591 W. Grand Blvd. (8)
Phone: TR 1-9367
245. Castings & Forgings Co.
17605-7 James Couzens
(35)
Phone: DI 1-4733
246. Century Electric Co.
New Center Bldg., Room
620
7430 2nd Blvd. (2)
Phone: TR 1-0260
247. Century Saw & Tool Co.
19347 Mt. Elliott Ave. (34)
Phone: TW 3-2280
248. Chain Belt Co.
10600 Puritan Ave. (38)
Phone: DI 1-3222
249. Charledge Sales
335 Curtis Bldg. (2)
Phone: TR 5-4376
250. Chase Brass & Copper Co.
14480 Woodrow Wilson
Ave. (38)
Phone: TO 8-2939
251. Chicago-Latrobe
18065 Wyoming
Ave. (21)
Phone: DI 1-1146
252. Chicago Pneumatic Tool Co.
570 E. Larned St. (26)
Phone: WO 1-3841
253. Chicago Rawhide Mfg. Co.
9000 Alpine Ave. (4)
Phone: WE 3-8151
254. Circo Equip. Co.
18055 James Couzens Hwy.
(35)
Phone: UN 4-2132
255. Clancy, Tom F.
10045 Greenfield Rd. (27)
Phone: BR 2-7770
256. Clark Equip. Co.
300 E. Milwaukee Ave. (2)
Phone: TR 1-1600
257. Clark Controller Co., The
15830 W. 7 Mile Rd. (35)
Phone: VE 8-2735
258. Clayton-Sherman Abrasives
Co.
3896 Lonyo Rd. (10)
259. Cleco Air Tools
18071 Wyoming Ave. (21)
Phone: UN 1-0047
260. Cleveland Automatic Ma-
chine Co., The
16911 W. 8 Mile Rd. (35)
Phone: BR 3-2195
261. Cleveland Punch & Shear
Works Co., The
5-147 General Motors Bldg.
(2)
Phone: TR 2-7363
262. Cleveland Tramrail Div.
P. O. Box 4674 (34)
Phone: JE 9-6000
263. Cleveland Twist Drill Co.,
2939 E. Grand Blvd. (2)
264. Codman Co., F. L. & J. C.
19818 Mack Ave. (36)
Phone: TU 1-7055
265. Cogsdill Twist Drill Co.
11336 Schaefer Rd. (27)
Phone: TE 4-0785
266. Cole, Fred A.
225 E. Baltimore (2)
Phone: TR 3-1800
267. Colker Co., The Frank
15899 Schaefer Hwy. (27)
Phone: BR 3-6767
268. Colonial Broach & Machine
Co.
P. O. Box 37, Harper Sta-
tion (13)
Phone: JE 6-2550
269. Columbia Tool Steel Co.
121 Oakman Blvd. (3)
Phone: TU 3-3770
270. Commercial Sales Inc.
18695 James Couzens Hwy.
Phone: UN 2-6325
271. Conrad Co., W. B.
13438 Fenkell Ave. (27)
Phone: BR 3-4050

SALES OFFICES

DETROIT (cont.)

272. Continental Screw Co.
10248 W. McNichols Rd.
Phone: UN 4-5391
273. Control Lab. Inc.
22586 Telegraph Rd. (41)
Phone: EL 6-8090
274. Cool-Cut Abrasives
5680 12th St. (8)
Phone: TR 2-5872
275. Copper & Brass Sales Inc.
6555 E. Davison (12)
Phone: FO 6-6200
276. Cosa Corp. of Detroit
17605 James Couzens Hwy.
(35)
Phone: UN 4-8312
277. Cox Engrg. Co. Inc.
3020 E. Canfield St. (7)
Phone: WA 5-9737
278. Crafts Co. Inc., Arthur A.
10122 Crocuslawn Ave.
Phone: TE 4-3112
279. Crane Packing Co.
16599 Meyers Rd. (35)
Phone: UN 4-8300
280. Craine-Schwartz Diamond
Tool Co.
8100 Lyndon Ave. (38)
Phone: TE 4-2900
281. Crissman Co., Glenn P.
670 W. Baltimore Ave. (2)
Phone: TR 5-6450
282. Crosier, Ray
10035 Hemingway (39)
Phone: KE 1-0272
283. Cullen Jr., Charles
1403 E. State Fair (3)
Phone: TW 1-3000
284. Cutler-Hammer Inc.
15427 Woodrow Wilson
Ave. (38)
Phone: TU 3-1600
285. D & K Tool Sales
10600 Puritan (38)
Phone: UN 2-5276
286. Danly Machine Specialties
1549 Temple Ave. (16)
Phone: WO 3-6666
287. Davis, G. F. Mrs.
1928 Guardian Bldg. (26)
Phone: WO 3-8706
288. Davis & Assoc., Marvin W.
10210 W. McNichols Rd.
(21)
Phone: UN 4-9434
289. Davis & Thompson Co.
514 New Center Bldg. (2)
Phone: TR 3-1770
290. Daystrom Inc.
16607 James Couzens Hwy.
(21)
Phone: DI 1-2121
291. Dearborn Machinery
14301 Meyers Rd.
Phone: WE 3-3320
292. De Laval Separator Co., The
16943 Schoolcraft Ave.
(27)
Phone: VE 6-4252
293. Delco Products Div.
8-257 General Motors
Bldg. (2)
Phone: TR 5-6258
294. Deneau, Gordon
19451 James Couzens (35)
Phone: DI 1-0900
295. Denton & Anderson Co., The
P. O. Box 34 (20)
Phone: JO 4-5766
296. De-Sta-Co Sales
360 Midland Ave. (3)
Phone: TO 8-4256
297. Detrex Chemical Ind. Inc.
14331 Woodrow Wilson
Phone: TO 8-8600
298. Detroit Ball Bearing Co. of
Mich.
110 W. Alexandrine Ave.
Phone: TE 2-3400
299. Detroit Chemical Branch
12606 Meyers Rd. (27)
Phone: TE 4-7830
300. Detroit Handling Co.
19481 James Couzens Hwy.
(35)
Phone: BR 2-0912
301. Detroit Mold Engrg. Co.
6686 E. McNichols Rd. (12)
Phone: TW 1-1300

DETROIT (cont.)

302. Detroit Pump & Mfg. Co.
1745 Abbott St. (16)
Phone: WO 1-1277
303. Detroit Sales Co.
1221 E. 9 Mile Rd.
Phone: JO 4-6149
304. Detroit Tool Works Inc.
2910 W. Davison Ave. (38)
Phone: TO 5-1070
305. DeVilbiss Co., The
111 Oakman Blvd. (3)
Phone: TO 9-8100
306. Devine, Philip K.
17167 Avon Rd. (19)
Phone: KE 5-5327
307. Dickelman Co., L. H.
18450 Livernois Ave. (21)
Phone: UN 4-4376
308. Dietzgen Co., Eugene
2345 Cass Ave. (1)
Phone: WO 2-8544
309. Dikar Tool Co.
26210 W. 8 Mile Rd.
Phone: KE 5-3088
310. Dirkes Industries Inc.
2035 Gratiot Ave. (7)
Phone: BR 3-4121
311. Diston Div.
3900 E. Outer Dr. (34)
Phone: TW 1-2900
312. Diversey Corp., The
1745 W. Grand Blvd. (8)
Phone: TY 6-5880
313. DoALL Detroit Co.
15010 Plymouth Rd. (27)
Phone: BR 3-4121
314. Dodge Tap & Tool Co.
12221 Dixie Ave. (39)
Phone: KE 2-9075
315. Dorac Sales Co.
20026 James Couzens (35)
Phone: BR 2-2121
316. Drive-All Mfg. Co.
3400 Conner Ave. (15)
Phone: VA 2-3400
317. DuBois-Webb Co.
19951 James Couzens Hwy.
(35)
Phone: BR 3-0880
318. DuComb Co., W. C.
6335 E. Palmer Ave. (11)
Phone: WA 1-4927
319. Dumore Co., The
7704 E. Jefferson, Apt. 303
(14)
Phone: LO 7-5994
320. Duplex Equip. Co.
10545 Puritan Ave. (39)
Phone: UN 2-2320
321. Durez Plastics Div.
503 Stephenson Bldg. (2)
Phone: TR 3-3133
322. Dykstra & Co., R.
7701 Mack Ave. (14)
Phone: WA 1-7270
323. Dymont & Girk Assoc.
20050 Livernois (21)
Phone: UN 2-9188
324. Dymanic Industrial Sales
Co.
Phone: BR 2-0705
325. E & E Engrg. Inc.
15023 Harper Ave. (24)
Phone: DR 1-2000
326. Eakins Co., Jesse W.
15875 James Couzens Hwy.
(38)
Phone: DI 1-0660
327. Eastern Mich. Industrial
Sales Co.
14544 3rd Ave. (3)
Phone: TO 8-6641
328. Eaton Mfg. Co.
18451 James Couzens Hwy.
(35)
Phone: UN 4-5900
329. Eberle & Assoc.
20050 Livernois Ave. (21)
Phone: DI 1-1755
330. Eberole, Robert H.
522 New Center Bldg.
7430 2nd Blvd. (2)
Phone: TR 1-5040
331. Eckhout Assoc., Fred C.
19755 James Couzens Hwy.
Phone: VE 5-0550
332. Electric Furnace Co., The
2842 W. Grand Blvd. (2)
Phone: TR 2-3373
333. Electric Tool Service
6188 12th St. (8)
Phone: TR 3-6080

DETROIT (cont.)

334. Elgin National Watch Co.
231 Curtis Bldg.
2842 W. Grand Blvd. (2)
Phone: TR 1-3311
335. Elliott Co., B. K.
10136 Puritan St. (38)
Phone: WO 1-7236
336. Ellison, Charles
238 Eastlawn Ave.
Phone: KE 4-1464
337. English & Miller Machinery
Co.
20506 Sherwood Ave. (34)
Phone: UN 4-2900
338. Ernest Assoc., Ralph D.
12818 Puritan Ave. (27)
Phone: UN 1-7311
339. Etico Tool & Machine Co.
4484 Cass Ave. (1)
Phone: TE 1-1666
340. Eutectic Welding Alloys Co.
of Mich. Inc.
416 W. 8 Mile Rd. (20)
Phone: LI 4-3440
341. Fafnir Bearing Co., The
14300 Puritan Ave. (27)
Phone: BR 3-3465
342. Fauver Co. Inc., J. N.
51 W. Hancock St. (1)
Phone: TE 2-4115
343. Fay, William C.
Security Bldg.
3049 E. Grand Blvd. (2)
Phone: TR 2-5354
344. Federal-Mogul Div.
11031 Shoemaker Ave. (13)
Phone: WA 1-0750
345. Federal Products Corp.
14340 Puritan Ave. (27)
Phone: BR 3-2200
346. Ferguson Machinery Inc.
J. H.
6540 St. Antoine St. (2)
Phone: TR 3-6140
347. Ferkany & Sorensen Assoc.
2832 E. Grand Blvd. (11)
Phone: TR 1-6292
348. Field Co., Irving B.
643 Chalmers Ave. (15)
Phone: VA 1-5470
349. Filiatrault, R. E.
802 Fisher Bldg. (2)
Phone: TR 2-7171
350. Firth Sterling Inc.
8330 W. Chicago Blvd. (4)
Phone: WE 3-1023
351. Fisher-Detroit Co.
2832 E. Grand Blvd. (11)
Phone: TR 2-5175
352. Fleming Co., A. E.
1900 E. Jefferson Ave. (7)
Phone: LO 7-8031
353. Flexonics Corp.
1500 Trombly Ave. (11)
Phone: TR 3-2800
354. Foote-Burt Co., The
24632 Northwestern Hwy.
(35)
Box 5213
Phone: EL 6-6450
355. Foote, Walter C.
1221 E. 9 Mile Rd. (20)
Phone: JO 4-6240
356. Fors Sales Co.
2832 E. Grand Blvd. (11)
Phone: TR 2-3508
357. Fosdick Machine Tool Co.,
16911 W. 8 Mile Rd. (5)
Phone: BR 2-0960
358. Fostoria Corp.
18627 James Couzens Hwy.
(35)
Phone: DI 1-8543
359. Fromm, Eric
13975 Woodward Ave.
Phone: TO 8-3400
360. G & G Sales
15900 Schaefer (27)
Phone: VE 6-9123
361. Gardner Machine Co.
17153 Wyoming Ave. (21)
Phone: DI 1-1115
362. Garlock Packing Co., The
2781 E. Grand Blvd. (11)
Phone: TR 3-6160
363. Garrett-Burgess Inc.
4660 Oakman Blvd. (4)
P. O. Box 517, NW. Station
Phone: TE 4-5770

MICHIGAN

364. Garrett Co. Inc., George K.
15755 James Couzens Hwy.
(38)
Phone: DI 1-2460
365. Gay-Hall Sales
10432 W. McNichols (21)
Phone: UN 4-1368
366. Gear Tools Co.
2926 Davison St., W. (6)
Phone: TU 3-0900
367. Gehringer & Forsyth
16151 James Couzens Hwy.
(21)
Phone: DI 1-8900
368. General Box Co.
7175 Clayton Ave.
Phone: VI 1-5485
369. General Controls Co.
15114 Plymouth Rd. (27)
Phone: VE 5-5625
370. General Electric Co.
700 Antoinette St. (2)
Phone: TR 2-2800
371. Geometric-Horton
Div. of United-Greenfield
Corp.
2870 E. Grand Blvd. (2)
Phone: TR 2-1300
372. Getschman, George F.
918 Fisher Bldg. (2)
Phone: TR 5-2846
373. Gifford Co., Don
1625 W. Fort St. (16)
Phone: WO 1-3946
374. Gilmore Sales Co.
1106 Berdick Tower (26)
Phone: WO 2-2534
375. Gisholt Machine Co.
10600 Puritan Ave. (38)
Phone: UN 4-7557
376. Glass, Fred
2640 Book Tower (26)
Phone: WO 1-3738
377. Glowe, Edward J.
10961 Rossiter (24)
Phone: LA 6-2746
378. Gordon Co., Claud S.
2832 E. Grand Blvd. (11)
Phone: VA 5-5090
379. Gorsuch, James E.
Curtis Bldg., Room 334
2842 W. Grand Blvd.
Phone: TR 5-8896
380. Gottsman Machine Co.
13325 Leonard St. (2)
Phone: LU 1-3800
381. Gourlay Co., R. A.
18285 Weaver
Phone: VE 6-4131
382. Grandsen & Co., C. L.
1214 18th St., corner
Howard (16)
Phone: TA 5-5090
383. Gray-Grimes Tool Co.
18500 Mt. Elliott Ave. (34)
Phone: FO 6-0030
384. Graybar Electric Co. Inc.
15045 Hamilton Ave. (3)
Phone: TO 8-5550
385. Great Lakes Mill Supply Co.
18639 Weaver St. (28)
Phone: VE 5-3611
386. Green, George F.
10717 W. McNichols (21)
Phone: DI 1-1080
387. Greenfield Tap & Die
2870 E. Grand Blvd. (2)
Phone: TR 1-4650
388. Greenleaf Corp.
16455 Hamilton Ave. (3)
Phone: SU 8-7273
389. Gregory, William F.
18049 Fenmore Ave. (35)
Phone: TR 5-7300
390. Grinding Supplies & Service
364 Midland (3)
Phone: LU 3-1000
391. H & H Supply Inc.
P. O. Box 4734, Redford
Station (19)
392. Haber Co., George
22901 Timberline Rd. (41)
Phone: KE 3-5100
393. Haberkorn Machinery Co.
A. C.
423 New Center Bldg. (2)
Phone: TR 1-4220
394. Hackett Co., J. Lee
1961 E. Milwaukee Ave. (11)
Phone: TR 2-6442

SALES OFFICES

MICHIGAN

DETROIT (cont.)

395. Haggard Co., F. L.
24634 S. Mile Rd.
Phone: KE 2-9630
396. Handy & Harman
19363 James Couzens Hwy.
(35)
Phone: VE 8-8480
397. Hanneman, C. J.
2480 Bellevue Ave. (7)
Phone: WA 3-4500
398. Hardinge Brothers Inc.
10024 W. McNichols Rd.
(21)
Phone: UN 3-5340
399. Harland-Robertson Co.
21121 Schoolcraft Ave. (23)
Phone: KE 7-5134
400. Harnischfeger Corp.
17618 W. McNichols Rd.
(53)
Phone: KE 7-1120
401. Harper Co., R. B.
814 Fisher Bldg. (3)
Phone: TR 1-4282
402. Harris-Blancett & Assoc.
14631 W. McNichols Rd.
(35)
Phone: BR 2-0812
403. Harrison Engrg. Co.
P. O. Box 4784
Phone: KE 2-1240
404. Harshaw Scientific Div.
9240 Hubbell (28)
Phone: VE 6-6300
405. Hartland Equip. Co.
10205 W. 8 Mile (21)
Phone: KE 5-0488
406. Hasty Co., Arthur S.
4461 W. Jefferson (9)
Phone: TA 6-6715
407. Hathaway, H. H.
17901 E. Warren (24)
Phone: TU 4-6040
408. Haynes Stellite Co.
10421 W. 7 Mile Rd. (21)
Phone: DI 1-3131
409. Heald Machine Co., The
750 W. 8 Mile Rd. (20)
Phone: JO 4-5801
410. Heller Tool Co.
4461 W. Jefferson Ave. (9)
Phone: TA 5-1111
411. Helmer-Akerman & Assoc.
19737 James Couzens Hwy.
(25)
Phone: BR 3-7464
412. Henschen, Jensen & Co.
2842 W. Grand Blvd. (2)
Phone: TR 1-0508
413. Heppenstall
3830 W. Jefferson Ave.
(32)
Phone: TA 5-5335
414. Hevi-Duty Electric Co.
8830 W. McNichols Rd.
Phone: DI 1-3268
415. Higgins, Elliot
20009 James Couzens Hwy.
(35)
Phone: BR 3-5551
416. Hill Inc., Beryl
15425 Schaefer Hwy. (27)
Phone: VE 8-3460
417. Hill Co., C. R.
35 W. Grand River
418. Hiller, W. T.
Curtis Bldg.
2842 W. Grand Blvd.
Phone: TR 2-7824
419. Hinz, Walter E.
P. O. Box 86, Harper Station (13)
Phone: TU 5-2879
420. Hodgson-Gelsler Prod. Co.
18917 James Couzens Hwy.
(35)
Phone: DI 1-2580
421. Hootnagle Brothers
18264 James Couzens Hwy.
(35)
Phone: UN 3-1442
422. Holdings Tools & Machine Co.
19149 Grand River (23)
P. O. Box 3
Phone: KE 7-1486
423. Horst Co., Paul
126 W. 7 Mile Rd. (3)
Phone: TW 3-8000
424. Houghton & Co., E. F.
803 Stephenson Bldg.
6560 Cass Ave. (2)
Phone: TR 3-4900
425. Howard Co., The Gene
17524 W. McNichols (35)
Phone: KE 5-7100
426. Howard & Smith Inc.
404 W. 8 Mile Rd. (20)
427. Howell Electric Motors Co.
16316 W. 7 Mile Rd. (35)
Phone: BR 3-8688
428. Howell, N. D.
1045 Covington (3)
Phone: UN 2-8829
429. Hubley & L. Curran, C. A.
9516 Burnette St. (4)
Phone: TE 4-3363
430. Huntington Co., F. D.
9141 E. Jefferson Ave. (14)
Phone: VA 2-7800
431. Hy-Pro Tool Co.
10428 W. McNichols Rd.
(21)
Phone: UN 4-1077
432. Hyatt Bearings Div.
General Motors Bldg. (2)
Phone: TR 2-4600
433. Hydraulic Press Mfg. Co.
2842 W. Grand Blvd. (2)
Phone: TR 5-5540
434. I-T-E
16907 W. 8 Mile Rd. (35)
Phone: BR 3-7181
435. Ideal Industries Inc.
2457 Woodward Ave. (1)
Phone: WO 1-9504
436. Industrial Air & Hydraulic Equip. Co.
13324 Kercheval Ave.
Phone: VA 1-9800
437. Industrial Burner Systems Co.
20141 James Couzens Hwy.
(35)
Phone: VE 7-7821
438. Industrial Components Inc.
19035 W. Davison Ave.
(23)
Phone: VE 8-8000
439. Industrial Equip. Co.
1144 W. Baltimore Ave.
(2)
Phone: TR 5-0950
440. Industrial Products Sales Inc.
1018 Fisher Bldg. (2)
Phone: TR 3-5910
441. Ingersoll-Rand Co.
Congress at 1st (38)
Phone: WO 2-5504
442. Inland Steel Co.
16815 James Couzens (35)
Phone: DI 1-5411
443. International Nickel Co. Inc., The
19942 James Couzens Hwy.
(35)
Phone: BR 3-6780
444. Ipsen Industries Inc.
18130 Fenkell Ave., Room D-5 (23)
Phone: BR 2-0277
445. J. I. C. Air Hydraulic Sales
9141 E. Jefferson St. (14)
Phone: VA 2-1687
446. J & L
Fisher Bldg. (2)
447. J. & L. Tool Sales Co.
19164 Woodward Ave. (34)
P. O. Box 4693
Phone: TU 3-0484
448. Jacobs, Richard E.
19755 James Couzens Hwy.
(35)
Phone: BR 3-1333
449. Jeffries Co., L. W.
16722 E. Warren Ave. (24)
Phone: TU 2-9551
450. Jervis-Webb Co.
8951 Alpine (4)
Phone: WE 3-8616
451. Jessop Steel Co.
18430 Mt. Elliott Ave. (34)
Phone: FO 6-4300
452. Johnson Bronze Co.
2868 E. Grand Blvd. (2)
453. Johnson, Herman E.
3123 E. Jefferson Ave. (7)
Phone: LO 7-8445

DETROIT (cont.)

454. Johnson & Co., Richard G.
20515 Grand River (19)
Phone: KE 4-0449
455. Johnson & Son Inc., S. C.
14331 Schaefer Hwy. (27)
Phone: VE 8-0410
456. Jones & Lamson Machine Co.
16927 James Couzens Hwy.
(35)
Phone: UN 4-7900
457. Jones & Laughlin Steel Corp.
12301 Hubbell Ave. (27)
Phone: VE 7-0482
458. Kearney & Trecker Corp.
10600 Puritan Ave. (38)
Phone: UN 4-5100
459. Keck Co., E. W.
26553 Grand River Ave.
(19)
Phone: KE 3-1514
460. Kelsey Co., Don W.
16629 Meyers Rd. (35)
Phone: DI 1-3040
461. Kenmac Co., The
12841 Hillview Ave. (27)
Phone: BR 3-9100
462. Kennametal Inc.
10201 Capital Ave. (37)
Phone: LI 6-3033,
JO 6-3183
463. Kerns-Morrill Co.
9140 Charlevoix (14)
Phone: VA 3-9383
464. Kettnering Tool Co.
11646 Hamilton Ave. (2)
Phone: TO 8-3845
465. Kilpatrick & Martin
816 Pallister (2)
Phone: TR 3-1490
466. Kinney-Sheehan
15105 W. 8 Mile Rd. (35)
Phone: BR 3-2028
467. Koebel Diamond Tool Co.
9456 Grinnell Ave. (13)
Phone: WA 1-3046
468. Koehler-Faure Co.
11833 Hamilton (3)
Phone: TO 8-3322
469. Kretschmar Co., Wm. G.
3791 Jefferson Ave., E.
Phone: LO 7-1372
470. Krico Engrg. Co.
12990 Eaton (27)
Phone: BR 3-3600
471. Kronk & Hardig Assoc.
16164 James Couzens Hwy.
(21)
Phone: DI 1-2786
472. Krueger & Co., H. R.
1469 E. Grand Blvd. (11)
Phone: WA 1-3058
473. Kurt-Orban Co. Inc.
19250 James Couzens Hwy.
(35)
Phone: DI 1-0578
474. Lake Erie Machinery Corp.
Robinson Bldg.
18460 Livernois (21)
Phone: UN 4-4559
475. Lamparter & Assoc., Carl
18401 E. Warren Ave. (36)
Phone: TU 5-4444
476. Lamson & Sessions Co., The
7-237 General Motors Bldg. (2)
Phone: TR 2-0705
477. Landis Machine Co.
12806 Fenkell (27)
Phone: UN 1-3609
478. Landis Tool Co.
17151 Wyoming Ave. (21)
Phone: DI 1-2127
479. Lapeer Mfg. Co.
1144 W. Baltimore (2)
Phone: TR 3-4800
480. La Salle Steel Co.
416 New Center Bldg. (2)
Phone: TR 5-3852
481. Last Word Sales Co.
18520 Mt. Elliott Ave. (34)
Phone: FO 6-0030
482. LeBlond Machine Tool Co., The R. K.
16911 W. 8 Mile Rd. (35)
Phone: BR 2-0960
483. Lee Machinery Co. Inc.
6318 E. Jefferson Ave.
Phone: LO 7-4257
484. Leeds & Northrup Co.
18240 James Couzens Hwy.
(35)
Phone: DI 1-2320
485. Lehmann Sales Co.
910 Fisher Bldg.
Phone: TR 3-2200
486. Leland-Gifford Co.
16429 W. McNichols Rd.
Phone: DI 1-1101
487. Lincoln Electric Co., The
17124 Wyoming Ave. (21)
Phone: UN 4-3952
488. Linde Co.
10421 W. 7 Mile Rd. (21)
Phone: DI 1-3131
489. Liquid Carbonic Corp., The
12820 Evergreen Rd. (23)
Phone: VE 7-4800
490. Livingstone Co., John E.
16516 James Couzens Hwy.
(21)
Phone: UN 4-7880
491. Logan Co.
5057 Woodward Ave. (3)
Phone: TE 1-7221
492. Logansport Machinery Co. Inc.
2413 E. 7 Mile Rd. (34)
Phone: TW 2-7001
493. Lor-Mac Assoc.
403 Fisher Bldg. (2)
Phone: TR 1-7600
494. Lord Mfg. Co.
18040 James Couzens Hwy.
(35)
Phone: DI 1-4340
495. Lord, T. E.
2832 E. Grand Blvd.
Machinery Bldg., Room 295
Phone: TR 5-8175
496. Lowe Co., Wm. N.
19035 W. Davison (23)
Phone: BR 3-0165
497. MFC Sales Co., The
9120 Livernois Ave. (4)
Phone: M. P. T. Drives
9078 Central Ave. (4)
Phone: TE 4-8190
499. MacIntyre Sales Co.
26442 W. 7 Mile Rd. (40)
Phone: KE 5-5899
500. MacPhail Industrial Sales
17180 Warwick Rd. (19)
Phone: KE 5-6994
501. Magnaflex Corp.
2777 E. Grand Blvd. (11)
Phone: TR 3-4343
502. Manning, Maxwell & Moore Inc.
444 New Center Bldg. (2)
Phone: TR 3-9100
503. Manufacturers Sales Co.
13240 Puritan Ave. (27)
Phone: BR 3-8730
504. Marathon Electric Mfg. Corp.
6560 Cass Ave. (2)
Phone: TR 3-3262
505. Marjen Corp.
26045 W. 7 Mile Rd. (40)
Phone: KE 7-3620
506. Marlin-Rockwell Corp.
17175 Wyoming Ave. (21)
Phone: UN 4-6813
507. Marsh Equip. Co.
3301 Wight St. (7)
Phone: LO 7-7585
508. Material Sales Co.
18456 W. McNichols
Phone: KE 5-3960
509. Matzka Co., Tom
18490 Mt. Elliott (34)
Phone: TW 1-2825
510. May, Roy S.
10539 Puritan Ave. (38)
Phone: UN 2-7416
511. Mayse Tool Co., George
19457 James Couzens (35)
512. McBride, Robert Co.
18450 Livernois Ave. (21)
Phone: DI 1-1512
513. McBride Stamp Co.
1419 Vermont Ave. (16)
Phone: WO 2-1013
514. McFeeley, Charles A.
7-121 General Motors Bldg.
Phone: TR 5-2857

DETROIT (cont.)

515. McGraw & Co., Wm. F.
575 E. Milwaukee (2)
Phone: TR 2-6800
516. McKee Kenyon Co.
1627 Fort St., W. (16)
Phone WO 2-3435
517. McManus, M. F.
18450 Livernois Ave. (21)
Phone: UN 4-7267
518. McNabb, F. C.
14825 Birwood (38)
Phone: WE 1-0140
519. Mechanical Handling
4600 Nancy Ave.
Phone: TW 2-1210
520. Mechanics Tool Supply Co.
5712 12th (8)
Phone: TR 1-6157
521. Meier Brass & Aluminum Co.
1471 E. 9 Mile Rd.
Phone: JO 6-3902
522. Melcher, Jack A.
5775 Somerset Rd. (24)
Phone: DR 1-8479
523. Merchant & Co. Inc., R. C.
18411 W. McNichols Rd.
(19)
Phone: KE 5-6000
524. Mercury Saw & Knife Co.
2309 Russell St. (7)
Phone: WO 1-6418
525. Metallurgical Products Dept.
11177 E. 8 Mile Rd. (32)
P. O. Box 237, RPA
Phone: JE 6-9109
526. Metalometer Instrument Co.
18450 Livernois Ave. (21)
Phone: UN 1-8909
527. Metrol Co.
7145 E. Davison (12)
Phone: TW 3-6300
528. Mich. Bearing Co.
85 Oakman Blvd.
Phone: TO 9-6900
529. Mich. Buff Co.
3503 Gaylord Ave. (12)
Phone: TW 3-2266
530. Mich. Chandler Co.
9155 Hayes Ave. (13)
Phone: VE 9-6809
531. Mich. Jewelers Supply
220 Bagley (26)
Phone: WO 1-9320
532. Mich. Machinery Sales Co.
13342 W. McNichols Rd.
(35)
Phone: UN 4-5543
533. Mich. Manufacturers Service
Inc.
16550 Greenfield Rd. (35)
Phone: BR 3-8190
534. Mich. Saw & File Co.
59 Sproat St.
Phone: WO 3-5925
535. Micro-Switch Div.
13631 Plymouth Rd. (27)
Phone: WE 3-6577
536. Mid-States Ind. Plastics Co.
P. O. Box 85, Brightmoor
Station (23)
Phone: WE 3-6383
537. Miller Fluid Power Div.
7338 Woodward Ave.,
Room 404
Phone: TR 2-1441
538. Milne & Co. Inc., A.
4820 Wabash Ave. (8)
Phone: TY 7-0191
539. Minn. Mining & Mfg. Co.
411 Piquette Ave. (2)
Phone: TR 5-7111
540. Mobil Oil Co.
903 W. Grand Blvd. (32)
Phone: TA 5-3460
541. Modern Handling Equip. Co.
8325 E. Forest Ave. (14)
Phone: WA 5-6906
542. Modern Machinery Sales Co.
19429 W. McNichols (19)
Phone: KE 3-3313
543. Monarch Machine Tool Co.,
10600 Puritan Ave. (38)
Phone: DI 1-2728
544. Moon, J. S.
16577 Meyers Rd. (35)
545. Moore Products Co.
22750 Woodward Ave. (20)
Phone: LI 7-9515
546. Morand Machinery Co., D. E.
6505 Grand River Ave. (8)
Phone: TY 4-1524

547. Morse Chain Co.

- 10124 W. McNichols Rd.
(21)
Phone: DI 1-5050
548. Morse Twist Drill & Machine
Co.
924 E. 9 Mile Rd. (20)
Phone: LI 7-5311
549. Mueller Brass Co.
19600 Van Dyke Ave. (34)
Phone: TW 3-6965
550. Mullen Pump & Supply Co.
26540 Stansbury (35)
Phone: DI 1-8131
551. Murphy, H. J.
17215 Greenlawn Ave. (21)
Phone: UN 1-7480
552. Murray Equip. Co.
14011 Oakland Ave. (3)
Phone: TO 9-4444
553. Myles Inc., J. E.
21315 Woodward Ave.
Phone: LI 6-1157
554. Nankervis Co., George L.
15300 Fullerton Ave. (27)
Phone: VE 8-5780
555. Nash Co. Inc., William H.
9212 Greenfield Rd. (28)
Phone: BR 3-7483
556. National Acme Co., The
14235 Puritan Ave. (27)
Phone: VE 7-2532
557. National Automatic Tool Co.
Inc.
14119 Puritan Ave. (27)
Phone: VE 7-6663
558. National Grinding Wheel
Sales Co.
12933 W. 8 Mile Rd. (35)
Phone: DI 1-1660
559. National Industrial Tool &
Die Suppliers
935 Emerson Ave. (15)
Phone: VA 4-0478
560. National Refining Co.
6325 Georgia Ave.
Phone: WA 1-4380
561. National Sales Engrg. Corp.
15805 Wyoming Ave. (38)
Phone: DI 1-0651
562. National Screw & Mfg. Co.,
The
913 Fisher Bldg. (2)
Phone: TR 2-0700
563. National Twist Drill & Tool
Co.
1406 Fisher Bldg. (2)
Phone: TR 5-1560
564. Nelson Stud Welding Div.
2970 W. Grand Blvd. (2)
Phone: TR 5-8063
565. Nettle Co., W. H.
20052 Livernois Ave. (21)
Phone: UN 3-6065
566. Neuman Tool & Supply Co.
13725 Van Dyke Ave.
Phone: TW 3-8024
567. New Departure Div. GMC
7-124 General Motors
Bldg.
(2)
Phone: TR 2-4700
568. Niagara Machine & Tool
Works
17585 James Couzens Hwy.
(35)
Phone: DI 1-2570
569. Nice Ball Bearing Co.
446 New Center Bldg.
Phone: TR 1-6161
570. Norma-Hoffman Bearings
Corp.
10239 Puritan Ave. (38)
Phone: UN 4-2544
571. North Amer. Products Corp.
14077 Mark Twain (27)
Phone: VE 7-3477
572. North Amer. Viking Drill
Co.
11560 McNichols Rd.
Phone: LA 6-2900
573. Northwest Blue Print &
Supply Co.
12130 Grand River (4)
Phone: TE 4-2500
574. Northwest Chemical Co.
9310 Roselawn Ave. (4)
Phone: TE 4-2500
575. Norton Co.
5805 Lincoln Ave. (8)
Phone: TR 5-8991

DETROIT (cont.)

576. Nu-Tool Sales Co. Inc.
17227 W. McNichols Rd.
(35)
Phone: VE 8-6072
577. O. K. Tool Co. Inc., The
6429 John C. Lodge Ex-
pressway.
Phone: TR 1-1262
578. Oakite Products Inc.
8-237 GM Bldg. (2)
Phone: TR 5-6330
579. Oglesby Equip. Co.
20356 Grand River Ave.
Phone: KE 3-8740
580. Ohio Knife Co., The
10600 Puritan Ave. (38)
Phone: UN 3-9363
581. Oilgear Co., The
6540 St. Antoine St. (2)
Phone: TR 5-9443
582. O'Neal Tool & Supply Co.
5327 Livernois Ave.
Phone: TY 4-6414
583. Osborn Mfg. Co.
10701 W. McNichols Rd.
(21)
Phone: UN 3-3511
584. O'Shaughnessy, John
18954 James Couzens (35)
Phone: UN 4-8819
585. Oswald Co., The J. L.
18601 Van Dyke (34)
Phone: TU 2-8987
586. Ozias, Aubrey
17181 Munich
Phone: TU 2-8987
587. P. D. Q. Sales Co.
18055 James Couzens Hwy.
(35)
588. Page Detroit Inc.
12651 Farley Ave.
Phone: KE 5-5673
589. Pangborn Corp.
814 Stephenson Bldg. (2)
Phone: TR 5-5311
590. Parker-Hannifin
10737 W. McNichols Rd.
(21)
Phone: DI 1-1885
591. Parry Engrg. Co.
10631 Puritan Ave. (38)
Phone: DI 1-0790
592. Peninsular Grinding Wheel
Co.
729 Meldrum Ave. (7)
Phone: LO 7-4193
593. Peninsular Machinery Co.
19178 James Couzens Hwy.
(35)
Phone: DI 1-0880
594. Peninsular Steel Co., The
P. O. Box 3853, Park
Grove Station (5)
Phone: DR 1-9400
595. Penn Petroleum Corp.
713 Westfield
Phone: TE 4-3600
596. Penola Oil Co.
14300 McNichols Rd., W.
(35)
Phone: DI 1-5787
597. Permagile Products Distrib-
utors
10330 Schoolcraft (38)
Phone: WE 3-9280
598. Petch Mfg. Co.
463 York St. (2)
Phone: TR 1-4240
599. Peterson, W. T.
16950 Harper Ave. (24)
Phone: TU 4-2530
600. Petrie Products & Engrg. Co.
16512 Hamilton Ave. (3)
Phone: UN 4-1479
601. Pheoli Mfg. Co.
10715 Puritan Ave. (38)
Phone: UN 1-6902
602. Phinney & Co., Jas. H.
1662 Penobscot Bldg. (26)
Phone: WO 2-0971
603. Piatte Machinery Sales,
Peter J.
7467 E. Davison Ave.
Phone: TW 1-0800
604. Pneumatic Equip.
1627 W. Fort St. (16)
Phone: WO 1-1777
605. Portable Tool & Engrg.
17221 Lahser Rd. (19)
Phone: KE 3-1431

MICHIGAN

606. Porter Cable Machine Co.,
The
18901 Wyoming Ave.
Phone: DI 1-9417
607. Post Co., Frederick
561 E. Jefferson Ave. (26)
Phone: WO 2-8484
608. Pott Machinery Co., A. W.
10600 Puritan Ave. (38)
Phone: UN 4-2900
609. Power Plant Supply Co.
2023 Geneva Ave. (3)
Phone: UN 1-2121, 1-2639
610. Pratt & Whitney Co. Inc.
8626 W. McNichols Rd.
(21)
Phone: DI 1-1070
611. Precision Grinding Wheel
Co. Inc.
12035 Mack Ave. (15)
Phone: VA 4-8070
612. Precision Rubber Products
Corp.
12102 Grand River Ave.
(4)
Phone: TE 4-4195
613. Prestole Corp.
10138 W. McNichols Rd.
(21)
Phone: UN 4-3139, 4-3193
614. Production Machinery Sales
Co. Inc.
4845 St. Aubin Ave. (7)
Phone: TE 2-4711
615. Product Corp., The
10200 Capital Ave. (37)
Phone: LI 6-7600
616. Pro-Mac Tooling Inc.
10208 Fenkell Ave. (38)
Phone: DI 1-6033
617. Protective Coatings Inc.
14153 Prevost Ave. (27)
Phone: VE 6-4664
618. Proto Tool Co.
17401 Wyoming (21)
Phone: UN 4-7511
619. Racine-Seco Sales Corp.
8916 Greenfield Rd. (28)
Phone: BR 3-8884
620. Ralph's Indicator Service
20245 Van Dyke (34)
Phone: TW 2-7774
621. Redmond, Thomas
20904 Woodmont (36)
Phone: TU 1-0460
622. Reed Co., James M.
2832 E. Grand Ave. (11)
Phone: TR 3-1187
623. Reichhold Chemicals Inc.
601-707 Woodward Heights
Blvd. (20)
Phone: JO 4-6500
624. Remy, W. E.
6820 E. Davison Ave. (12)
Phone: TW 1-3111
625. Ren Plastics Inc.
10120 Puritan Ave. (38)
Phone: UN 1-4760
626. Re-Nu Tool Co.
14444 Joy Rd. (28)
Phone: VE 5-6900
627. Republic Steel Corp.
2008 Fisher Bldg. (2)
Phone: TR 5-9300
628. Revere Copper & Brass Inc.
5851 W. Jefferson Ave. (9)
Phone: VI 1-7350
629. Rezolin Inc.
16501 Meyers Rd. (35)
Phone: UN 4-8708
630. Rice-Lee Co.
2832 E. Grand Blvd.
Phone: TR 1-8014
631. Riordan Machinery Co.
16421 W. 8 Mile Rd. (35)
Phone: BR 3-5512
632. Roache, James E.
17615 Pierson (19)
Phone: KE 4-9292
633. Robinson Welding Supply
Co.
8706 Lyndon
Phone: TE 4-1860
634. Rockwell Co., Clifford
19364 James Couzens Hwy.
635. Rogo Sales Co.
18055 James Couzens Hwy.
(35)
Phone: UN 4-0831

SALES OFFICES

MICHIGAN

DETROIT (cont.)

- 636. Rollway Bearing Co., Inc.
550 Maccabees Bldg. (2)
5057 Woodward Ave.
Phone: TE 1-8715
- 637. Rosan Inc.
2914 Book Bldg. (26)
Phone: WO 2-7017
- 638. Ross Industries
5890 Commonwealth
Phone: TR 2-8130
- 639. Russell, Burdall & Ward
Bolt & Nut Co.
General Motors Bldg. (2)
Phone: TR 5-2894
- 640. Russell & Olson Co.
15820 James Couzens Hwy.
(38)
Phone: UN 4-7010
- 641. Russo & Co., Charles V.
5047 Chalmers (13)
Phone: ED 1-6538
- 642. Rutland Tool Service
1617 E. McNichols Rd. (3)
Phone: TW 3-6240
- 643. Ryerson & Son Inc., J. T.
Box 5338, Milwaukee
Junction Station (11)
Phone: TR 4-3311
- 644. SKF Industries Inc.
18350 Schaefer (35)
Phone: UN 4-9373
- 645. S-P Mfg. Corp., The
16801 Wyoming Ave. (21)
Phone: DI 1-4363
- 646. S. & W. Equip. Co.
25323 Plymouth Rd. (28)
Phone: KE 8-0260
- 647. Sandvik Steel Inc.
14131 Puritan Ave. (27)
Phone: BR 3-8474
- 648. Savage Co., M. B.
17914 E. Warren
Phone: VA 1-5700
- 649. Saw & Specialty Corp.
9190 Greenfield Rd. (28)
18130 Fenkell (23)
Phone: TR 5-4730
- 651. Scharer & Co., Ray A.
17411 E. Warren (24)
Phone: TU 2-7172
- 652. Schneider, S. E.
3931 Bishop Rd. (24)
733 Lerewen (9)
Phone: VI 2-5700
- 653. Schober Tool Co.
17272 Mt. Elliott (12)
Phone: TW 1-8870
- 655. Schwer, M. C.
2970 W. Grand Blvd.
Phone: TR 1-4900
- 656. Sclaky Brothers Inc.
7430 2nd Blvd. (2)
Phone: TR 5-6800
- 657. Scott Engrg. Sales Co.
20026 James Couzens Hwy.
(35)
Phone: BR 3-5353
- 658. Scott Machinery Co., Wm.
4326 Berkshire (24)
1300 W. Fort St. (26)
Phone: VI 2-5700
- 660. Selbert & Sons Inc.
18936 Schoolcraft
Phone: VE 7-5921
- 661. Selas Corp. of Amer.
334 Lexington Bldg. (2)
Phone: TR 5-1221
- 662. Shane Inc., Mel
19137 Filer (34)
Phone: FO 6-2660
- 663. Sheffer Collet Co.
18056 James Couzens Hwy.
(35)
Phone: DI 1-0883
- 664. Sheffield Mich. Sales
14031 Puritan Ave. (27)
Phone: VE 7-2032
- 665. Simonds Abrasive Co.
17155 Conant St. (12)
Phone: FO 6-2900
- 666. Sinclair Industrial Supply
6350 Brush St. (2)
Phone: TR 5-6685

- 667. SKIL Corp.
17160 Wyoming Ave. (21)
Phone: UN 1-6652
- 668. Slater Saw Co., F. M.
14307 Schaefer Hwy.
Phone: VE 8-9656
- 669. Smith Equip. Co.
Curtis Bldg.
2842 W. Grand Blvd. (2)
Phone: TR 5-2500
- 670. Smith Instrument & Equip.
Co.
7140 E. Davison Ave. (12)
Phone: TW 1-6500
- 671. Smith Co., Roy
5257 Trumbull Ave. (8)
Phone: BR 3-5040
- 672. Smith Tool Co., T. M.
14644 Puritan Ave. (27)
Phone: BR 3-5040
- 673. Snap-on Tools Corp.
93 Piquette Ave. (2)
Phone: TR 5-6435
- 674. Sokol, W. A.
7-234 General Motors
Bldg. (2)
Phone: TR 5-0440
- 675. Solitis & Co., A. R.
12644 Marion St. (39)
Phone: KE 7-2535
- 676. Solventol Chemical Products
Inc.
15841 2nd Blvd. (3)
Phone: TO 8-8466
- 677. Southeastern Mich. Sales
and Engrg. Service
20490 Woodward Ave. (3)
Phone: TU 3-4390
- 678. Spaulding Fibre Co. Inc.
964 E. 7 Mile Rd. (3)
Phone: FO 6-5450
- 679. Spenser Co., Willard
20144 Livernois (21)
Phone: UN 3-5189
- 680. Sperry Products Co.
7140 E. Davison Ave. (12)
Phone: TW 3-0483
- 681. Spink, Walter E.
18450 Livernois Ave. (21)
Phone: UN 4-6603
- 682. Spruce, A. D.
16160 James Couzens Hwy.
Phone: DI 1-3651
- 683. Standard Die Set Co.
2700 W. Warren Ave. (8)
Phone: TY 8-8400
- 684. Standard Gage Co. Inc.
18260 James Couzens Hwy.
(35)
Phone: UN 4-9182
- 685. Standard Oil Co.
16025 Northland Dr. (35)
Phone: KE 8-1000
- 686. Standard Pressed Steel Co.
18943 John R. (3)
Phone: TW 3-4114
- 687. Standard Tool Co.
10731 Puritan Ave. (38)
Phone: DI 1-3500
- 688. Stark & Sons, H.
16147 Meyers Rd. (25)
Phone: JO 6-0700
- 689. State Sales & Service Co.
12844 Marion St. (39)
Phone: KE 5-0320
- 690. Sterling Electric Motors Inc.
109 E. 9 Mile Rd. (20)
Phone: LI 7-0177
- 691. Sterling Grinding Wheel Co.
20466 Sherwood Ave. (34)
Phone: TW 3-2405
- 692. Sterling Supply Co.
1220 E. 9 Mile Rd. (20)
Phone: JO 6-0700
- 693. Stevens Inc., Frederic B.
1800 18th St. (16)
Phone: TA 5-0725
- 694. Stevens-Jeffrey Co.
15841 Trumbull Ave.
Phone: DI 1-2350
- 695. Strange & Sanford Co.
2910 W. Davison (38)
Phone: TO 5-1072
- 696. Strelinger Co., Chas. A.
31855 Van Dyke Ave. (34)
P. O. Box 4674
Phone: JE 3-6000
- 697. Strickland, R.
22715 N. Kane St. (28)
Phone: KE 3-2342
- 698. Strong, Carlisle & Hammond
Co.
6540 St. Antoine St.

DETROIT (cont.)

- 699. Stuart Oil Co. Ltd., D. A.
8350 Military Ave. (4)
Phone: TY 7-8506
- 700. Stuart Tools Service Co.
4620 Cass Ave. (1)
Phone: TE 1-1311
- 701. Sun Oil Co.
2117 National Bank Bldg.
(26)
Phone: WO 1-7240
- 702. Sundstrand Machine Tool
18284 James Couzens Hwy.
(35)
Phone: DI 1-0300
- 703. Sunnen Products Co.
9141 E. Jefferson (14)
Phone: VA 1-4900
- 704. Super Tool Co.
21650 Hoover Rd. (13)
Phone: JE 6-9191
- 705. Superior Detroit Co.
13204 Fenkell Ave. (27)
Phone: VE 7-4370
- 706. Superior Seal & Stamp Co.
1401 Vermont Ave. (16)
Phone: UN 4-8576
- 707. Surface Combustion
14425 W. 8 Mile Rd. (35)
Phone: UN 4-8576
- 708. Swiss Precision Tool Co.
851 E. 8 Mile Rd. (20)
Phone: LI 5-0626
- 709. Syntrol Detroit Sales Co.
21315 Woodward Ave. (20)
Phone: JO 6-3166,
LI 6-1900
- 710. Taft-Peirce Mfg. Co., The
2832 E. Grand Blvd. (11)
Phone: TR 4-3528
- 711. Tartan Tool Co.
11600 Hartwell St. (27)
Phone: WE 3-3058
- 712. Taylor Co., B. A.
3943 Fenkell Ave. (38)
Phone: DI 1-8537
- 713. Taylor Co., Harry W.
6110 Michigan Ave. (10)
Phone: TA 5-2606
- 714. Taylor-Thompson Machin-
ery Co.
8085 Livernois Ave. (4)
Phone: TE 4-0120
- 715. Teal Electric, Frank C.
3222-24 E. Jefferson Ave.
(7)
Phone: LO 8-9092
- 716. Tech Products Co.
2415 E. 7 Mile Rd. (34)
Phone: FO 6-0219
- 717. Thompson Industrial Equip.
17131 Heyden Ave.
Phone: KE 1-3170
- 718. Thomson Mfg. Co.,
Judson L.
12131-35 Grand River Ave.
Phone: WE 3-4220
- 719. Thor Power Tool Co.
12131-35 Grand River Ave.
Phone: BR 3-8250
- 720. Threadwell Tap & Die Co.
Inc.
11336 Schaefer Rd. (27)
Phone: TE 4-0785
- 721. Thunder Bay Mfg. Corp.
19735 Ralston Ave. (3)
Phone: TO 9-6980
- 722. Thurston Co., C. M.
1543 E. Outer Dr. (34)
Phone: FO 6-2880
- 723. Tibedeau, B. R.
15765 Kentfield (23)
Phone: KE 7-0091
- 724. Timken Roller Bearing Co.,
The
16101 Schaefer Hwy. (35)
Phone: VE 8-2626
- 725. Timm, Harry
18691 Coddling Ave. (19)
Phone: KE 1-0206
- 726. Tishken Products Co.
13000 W. 8 Mile Rd. (37)
Phone: JO 4-6661
- 727. Tool Chemical Co.
13150 W. 7 Mile Rd. (35)
Phone: DI 1-8055
- 728. Tool Sales Co.
46 Victor Ave.
Phone: TO 9-4600
- 729. Tool Supply Co.
40 Custer Ave. (2)
Phone: TR 5-2477
- 730. Tower Engrg. Co.
18450 Livernois Ave. (21)
Phone: UN 2-5370
- 731. Townsend Co.
8830 W. McNichols Rd.
(21)
Phone: DI 1-8814
- 732. Triangle Broach Co.
18404 Fitzpatrick (28)
Phone: VE 8-2150
- 733. Tubular Rivet & Stud Co.
8830 W. McNichols Rd.
(21)
Phone: UN 3-8954
- 734. Twyman & Assoc., L. R.
Fisher Bldg. (2)
Phone: TR 3-5710
- 735. Uddeholm Co. of Amer. Inc.
17304 Lahser Rd. (19)
Phone: KE 5-6340
- 736. Union Carbide Plastics Co.
10421 W. 7 Mile Rd. (21)
Phone: DI 1-3131
- 737. Union Twist Drill Co.
1625 E. McNichols Rd.
P. O. Box 3627
Phone: TW 3-5640
- 738. United Saw & Tool Co.
1961 E. Milwaukee Ave.
Phone: TR 2-0246
- 739. U. S. Gypsum Co.
2211 Woodward Ave.
Phone: WO 1-6227
- 740. U. S. Steel Corp.
9-236 General Motors
Bldg. (2)
Phone: TR 2-8350
- 741. Universal-Cyclops Steel
Corp.
24800 Plymouth Rd. (39)
Phone: KE 4-1306
- 742. Valvoline Oil Co.
1900 E. Warren Ave. (7)
Phone: TE 2-6315
- 743. Vance, Allen H.
18505 W. 8 Mile Rd. (19)
Phone: KE 7-7890
- 744. Vascology-Ramet Corp.
15551 W. McNichols Rd.
(35)
Phone: BR 3-6161
- 745. Veeder-Root Inc.
506 Curtis Bldg.
2942 W. Grand Blvd. (2)
Phone: TR 2-2898
- 746. Venables, C. W.
24634 5 Mile Rd. (39)
Phone: KE 4-3033
- 747. Verson Allsteel Press Co.
408 Lexington Bldg. (2)
2870 W. Grand Blvd.
Phone: TR 5-7026
- 748. Vickers Inc.
14420 Linwood (38)
Phone: TO 8-0272
- 749. Vitrifried Wheel Co.
19620 Schoolcraft Ave.
(23)
Phone: BR 3-5887
- 750. Vogler, A. A.
4150 Haverhill Ave. (34)
Phone: LO 7-4706
- 751. Volk Stamp & Stencil Co.
214 Randolph St. (26)
Phone: WO 2-3450
- 752. Von der Heide, Carl
628 Pallister St. (2)
Phone: TR 1-7121
- 753. Wagner Co., A. T.
2720 Wight St. (7)
Phone: LO 7-3171
- 754. Wagner & Madison Co.
18450 Livernois Ave. (21)
Phone: UN 2-6825
- 755. Wales Strippit Inc.
3049 E. Grand Blvd. (2)
Phone: TR 3-0745
- 756. Walker & Seed Tool &
Engrg. Co.
2591 W. Grand Blvd. (8)
Phone: TR 4-3940
- 757. Wall, Fred E.
8106 E. Jefferson St., Apt.
407D (14)
Phone: LO 7-4226
- 758. Warner Electric Brake &
Clutch Co.
15756 Wyoming Ave. (38)
Phone: UN 1-7389

DETROIT (cont.)

759. Warner & Swasey Co., The
18076 James Couzens Hwy.
(35)
Phone: DI 1-1313
760. Waterston's Inc.
960 W. 8 Mile Rd.
Phone: JO 4-5794
761. Welding Equip. & Supply Co.
5225 E. Davison (12)
Phone: FO 8-5757
762. Welding Gas & Equip. Co.
7425 E. Davison Ave. (12)
Phone: TW 3-9300
763. Welding Metals Mfg. Co.,
14301 Linwood
Phone: TU 3-2360
764. Welker Machinery Co. Inc.
19924 Livernois Ave. (21)
Phone: DI 1-1098
765. Werner Co., Arnold J.
502 New Center Bldg. (2)
Phone: TR 3-4160
766. West Chemical Products Inc.
11201 Manning Ave. (34)
Phone: WA 1-6350
767. Western Solvents & Chemicals Co.
6472 Selkirk Ave. (11)
Phone: WA 1-6350
768. Wheel Dressing Specialty Co.
9516 Burnette (4)
Phone: TE 4-3563
769. Wheel Truening Tool Co.
3200 W. Davison (38)
Phone: TO 9-8900
770. White & Bagley Co., The
1448 Wabash Ave. (16)
Phone: WO 3-0377
771. Whitton Spindle Co., The
20466 Wyoming Ave. (21)
Phone: UN 4-1978
772. Wiard, Edward D.
1403 E. State Fair (3)
Phone: TW 1-3000
773. Wilson-Garner Co.
321 E. State Fair Ave. (3)
Phone: TW 3-7206
774. Wilson Mechanical Instrument
2401 E. 7 Mile Rd. (34)
Phone: TW 1-8319
775. Wilson, W. E.
2450 Iroquois (14)
Phone: WO 5-5320
776. Winsmith Detroit Inc.
10538 Fenkell (38)
Phone: UN 2-0457
777. Winter Brothers Co.
1406 Fisher Bldg. (2)
Phone: TR 5-1580
778. Winterhoff Machinery Co.
16197 James Couzens Hwy.
(21)
Phone: DI 1-1311
779. Wixson, Howard D.
715 Fisher Bldg. (2)
Phone: DI 1-1311
780. Wolfe, H. F.
Executive Bldg.
14631 McNichols (35)
Phone: VE 7-3000
781. Wonder Solder Co. Inc.
14330 Joy Rd. (28)
Phone: VE 6-1943
782. Woodbury Co., C. F.
2832 E. Grand Blvd. (11)
Phone: TR 1-6975
783. Woodson Products
2134 20th St. (16)
Phone: TA 8-5882
784. Wright Holst Div.
2401 E. 7 Mile Rd. (34)
Phone: TW 1-8310
785. Wright Co. Inc., The R. M.
7401 Dubois (11)
Phone: TR 1-7540
786. Wright Co., W. F.
231 Curtis Bldg. (2)
2842 W. Grand Blvd. (2)
Phone: TR 2-7824
787. Wrinn, Frank W.
1940 Stanley Ave.
Wickoff Steel Co. (2)
602 Fisher Bldg. (2)
Phone: TR 2-2602
789. Yale & Towne Mfg. Co.
4466 Woodward Ave. (1)
Phone: TE 3-6200
790. Yoder Co., The
1238 Maccabees Bldg. (2)
Phone: TE 2-2175
791. Zatkoff Co., Roger
9624 Winston Ave. (39)
Phone: KE 2-2121,
KE 5-7925
792. Ziv Steel & Wire Co.
14643 Meyers Rd. (27)
Phone: VE 8-0038

DEXTER

793. Designers for Industry Inc.
7891 Gregory Rd., Route 2
Phone: HA 6-8294

EAGLE RIVER

794. Ziv Steel & Wire Co.
Phone: CA 1147 M1

EAST DETROIT

795. Hartmann Equip. Co.
18115 E. 9 Mile Rd.
Phone: PR 1-1700

EAST GRAND RAPIDS

796. Perry, John M.
2339 Oakwood Dr., SE.
Phone: CH 3-9320
797. Pipes, B. B.
2438 Berwyck Rd. (6)
Phone: GL 2-0571
798. Way, Charles
2555 Lake Dr.
Phone: CH 1-2330

EAST LANSING

799. Lacchia, Joseph
516 Meadowlawn Ave.
Phone: ED 2-5129
800. Riser, Fred
129 Beech St.
P. O. Box 82
Phone: ED 2-5331
801. Rohrbach, E. F.
147 Oakland Dr.
Phone: ED 2-2870
802. Tri-State Machinery Inc.
P. O. Box 613
Phone: ED 2-0608
803. Vascology-Ramet Corp.
128 Beech St.
P. O. Box 82
Phone: ED 2-5331
804. Walsh & Co., R. E.
504 Division St.
Phone: ED 2-4465

ESCANABA

805. Garnik Co., Robert J.
1215 Ludington St.
Phone: UN 2-0457
806. Morley-Murphy Co.
400 Ludington St.

ESSEXVILLE

807. Arley Engrg. Co.
3 Orchard Ct.
Phone: TW 2-8297

FARMINGTON

808. Smith, Carl
22889 Mayfield Rd.
Phone: GR 4-6161
809. Webb Tool Sales
23525 Prospect Ave.
Phone: GR 4-6462
810. Wilton Tool Mfg. Co. Inc.
29726 Highmeadow Rd.
Phone: MA 6-5729

FENTON

811. Northwest Chemical Co.
N. Long Lake Rd., R. F. D.
1
Phone: MA 9-7339
812. Shellum, Thomas
1101 Outer Dr.
Phone: MA 9-7536

FERNDAL

813. Akers Co., George W.
443 E. 9 Mile Rd. (20)
Phone: JO 6-0707
814. Armstrong Co., Charles H.
570 Livernois Ave. (20)
Phone: LI 4-1305
815. Associated Tooling Co.
851 E. 8 Mile Rd. (20)
Phone: JO 4-6934
816. Braeburn Alloy Steel Corp.
1135 E. 9 Mile Rd. (20)
Phone: JO 4-6435
817. Brown Star Products
404 W. 8 Mile Rd. (20)
Phone: JO 4-6984

818. Clipper Abrasive Products

- 711 E. 8 Mile Rd.
Phone: JO 4-6167

819. Cornell Tool Co.

- 570 Livernois (20)
Phone: LI 8-1540

820. Crisler, O. E.

- 277 Pearson St.
Phone: LI 1-3887

821. Detroit Sales Co.

- 1221 E. 9 Mile Rd. (20)
Phone: JO 4-6149

822. Ebbert-McLeese Co.

- 1511 E. 9 Mile Rd.
Phone: LI 7-3766

823. Gangler Co., Joseph O.

- 23154 Woodward Ave.
Phone: LI 5-8400

824. Gullberg Industrial Equip.

- Co.
1805 E. 9 Mile Rd. (20)
Phone: JO 6-1535

825. Hanson Co.

- 2605 Burdette (20)
Phone: LI 3-3363

826. Henry, Richard

- 660 Allen

827. Howard & Smith

- 22524 Woodward Ave.
Phone: LI 6-4900

828. Industrial Abrasives Co.

- 830 E. Drayton Ave. (20)
Phone: JO 6-6367

829. Johnson Co., S. J.

- 1421 E. 8 Mile Rd. (20)
Phone: LI 7-2104

830. Koch, E. D.

- 1840 Hilton Rd.
Phone: JO 6-2387

831. Lofgren, C. A.

- 1840 Hilton Rd. (20)
Phone: LI 7-1770

832. Melling & Assoc., Geo. D.

- 22750 Woodward Ave.
Phone: LI 1-7603

833. Motch & Merryweather Ma-

- chinery Co.
23520 Woodward Ave.
P. O. Box 94
Phone: JO 6-3190

834. Port Huron Machine Prod-

- ucts Co.
2241 Hilton Rd. (20)
Phone: JO 4-6276

835. Rayl Industrial Supply Div.,

- The
23440 Woodward Ave.
(20)
Phone: JO 6-6384

836. Somers, A. A.

- 570 Livernois (20)
Phone: JO 4-6481

837. Sterling Supply Co.

- 1220 E. 9 Mile Rd.
P. O. Box 54
Phone: JO 6-0700

838. Swiss Precision Tool Co.

- 851 E. 8 Mile Rd. (20)
Phone: LI 5-9026

839. Tracerlab Inc.

- 255 E. 9 Mile Rd. (20)
Phone: LI 8-6290

840. Vulcan-Kidd Steel Div.

- 1521 E. 8 Mile Rd. (20)
Phone: JO 6-6380

841. Wesson Co.

- 1220 Woodward Heights
Blvd. (20)
Phone: JO 6-1500

FLINT

842. Allen Bradley Co.
829 Stockdale (4)
Phone: CE 2-9541
843. Atlas Eddy Building Prod.
3421 E. Court St.
Phone: CE 9-8681
844. Automotive Factory Supply Co.
2700 Lippincott Blvd.
Phone: CE 2-1139
845. Bellows-Valvair
215 W. 1st St. (2)
Phone: CE 4-1417
846. Bendle Co., C. L.
Durant Hotel
847. Birmingham & Conner Ma-
chinery Co.
6479 Fenton Rd.
Phone: CE 5-1925

MICHIGAN

848. Blanchard, P. H.
2805 Yale St.
Phone: CE 5-3381
849. Bobler Tool Supply
1838 S. Dort Hwy.
P. O. Box 65
Phone: CE 5-0641
850. Bohlen & Co., C. M.
P. O. Box 175 (1)
Phone: CE 5-4805
851. DTW Cutting Tools
215 W. 1st St.
Phone: CE 8-6655
852. Detroit Ball Bearing Co.
P. O. Box 67 (1)
Phone: CE 8-6655
853. Detroit Tool Works
Cutting Tools
215 W. 1st St.
Phone: CE 8-6655
854. Dewsbury, A. H.
2102 Mountain Ave.
P. O. Box 501
Phone: CE 5-7361
855. Erickson Tool Co.
305 Patterson Blvd.
Phone: CE 5-7361
856. Ex-Cell-O Corp.
1063 Ballenger Rd., S (4)
Phone: CE 2-9171
857. Factory Tool Supply Co.
132 E. Court St. (1)
Phone: CE 9-5811
858. Fauver Co. Inc., J. N.
G3140 E. Hemphill Rd. (7)
Phone: PL 2-3300
859. Fonger, Robert
P. O. Box 4081 (4)
Phone: CE 4-0103
860. General Electric Co.
653 S. Saginaw St. (2)
Phone: PI 2-2200
861. General Foundry & Mfg. Co.
P. O. Box 7037 (7)
Phone: PI 2-2200
862. Grandsen-Hall Co.
920 Walnut St. (1)
Phone: CE 4-6672
863. Gray Equip. Co.
2713 Brownell Blvd. (4)
Phone: CE 5-6474
864. Hall Sales & Engrg. Co.,
A. H.
920 Walnut St.,
P. O. Box 180
865. Hall Steel Co.
999 N. Dort Hwy. (1)
P. O. Box 180
Phone: CE 4-6672
866. Hubbard Hardware Co.,
George W.
602 Mill St. (2)
Phone: CE 4-6681
867. Hydro-Line Mfg. Co.
2801 N. Saginaw
Phone: CE 3-6823
868. Irving Tool Co.
4021 S. Saginaw (1)
Phone: CE 4-4679
869. Jervis-Webb Co.
G5280 Dort Hwy. (7)
Phone: CE 5-0637
870. Knoblock Hardware Co.
2116 Lewis St. (6)
871. Longway Service Co.
910 N. Vernon Ave. (6)
872. MFC Equip. & Supply
519 Lyon St. (1)
873. Mackey Industrial Sales
1722 Greenbrook Rd.
Phone: CE 3-7536
874. Main Industrial Sales
1722 Greenbrook Lane (7)
Phone: CE 3-7536
875. Manufacturers Equip. &
Supply
519 Lyon St. (1)
Phone: CE 9-5864
876. Marty Co., B. F.
1409 Durand St. (3)
Phone: CE 2-6733
877. Material Handling Sales
Corp.
2630 S. Grand Traverse
Rd.
Phone: CE 5-5432
878. Mich. Grinding & Saw Filing
Services
3505½ N. Saginaw St.
879. Moore Brothers Electric Co.
5336 S. Sycamore (56)
Phone: PL 2-5681

SALES OFFICES

MICHIGAN

FLINT (cont.)

- 889. Motch & Merryweather Machinery Co.
5336 S. Sycamore (56)
Phone: PL 2-5681
- 881. Nash Co. Inc., William H.
309 Paterson Bldg. (2)
Phone: CE 5-0444
- 882. National Refining Co.
315 East Ave.
Phone: CE 4-3616
- 883. National Welding Supply Co.
G5075 N. Dort Hwy. (5)
- 884. Oakite Products Inc.
2332 Montelth St. (4)
Phone: CE 8-1727
- 885. Phipps, Fred L.
3202 Lapeer Rd.
P. O. Box 988
Phone: CE 2-3020
- 886. Seeley Inc., R. D.
2073 N. Dort Hwy. (6)
Phone: CE 2-7163
- 887. Shively Brothers Inc.
2919 S. Grand Traverse (7)
Phone: CE 2-7401
- 888. State Sales & Service Co.
P. O. Box 4081 (4)
Phone: CE 5-4884
- 889. Sun Oil Co.
603 Pingree Ave. (3)
Phone: CE 2-1987
- 890. T & H Sales Co.
1332 Mott Foundation Bldg. (3)
Phone: CE 9-8431
- 891. Valley Tool Sales
P. O. Box 7025
Phone: CE 8-1670
- 892. Waterston's Inc.
302 W. Water St. (2)

FRANKENMUTH

- 893. Bunn Sales, Gil
8695 W. Tuscola Rd.
Phone: OL 2-8005

FRANKLIN

- 894. Foote, Walter C.
31320 Woodside Dr.
Phone: MA 6-1163

FREMONT

- 895. Sabin, Ralph
6148 Lake Dr., R. R. 4
Phone: 903

GALESBURG

- 896. Galesburg Mfg. Co. Inc.
67 Mill St.

CAYLORD

- 897. Fochtman Motor Co.
Phone: 2621

GRAND BLANC

- 898. Easton, Russell
8033 McCandlish Rd.,
Route 1
Phone: Goodrich 3423

GRAND HAVEN

- 899. De Young, Donn
1921 Hillcrest Ave.
Phone: 3839-J
- 900. Jonker Hardware
212 Washington St.
- 901. King Tool Steel Warehouse
1533 Marion St.
Phone: 5381

GRAND RAPIDS

- 902. Allis-Chalmers
5-7 Lyon St., NW. (2)
Phone: GL 9-8249
- 903. Allis Co., The Louis
1974 S. Division Ave. (7)
Phone: CH 5-1119
- 904. Aluminum Co. of Amer.
818 Mich. National Bank Bldg. (2)
Phone: GL 2-0209
- 905. Ammerman Industrial Supply Co.
329-333 Bridge, NW. (4)
Phone: GL 6-3369
- 906. Associated Handling Equip.
422 Fuller Ave., NE. (3)
Phone: GL 8-1206
- 907. B H W Tool Sales Inc.
440 Lake Michigan Dr.
Phone: GL 9-4209
- 908. Baird Co., Darcy L.
1015 Orchard Ave., SE.
Phone: CH 3-1912
- 909. Barclay, Ayers & Bertsch Co.
321-323 Bond Ave., NW. (2)
Phone: GL 1-2761
- 910. Barnes & Co., Victor S.
650 Ann St., SW. (2)
Phone: EM 1-7351
- 911. Barney, Jr., William R.
1239 Bemis St., SE. (6)
Phone: GL 6-9060
- 912. Behr-Manning Co.
1529 Division Ave., S. (7)
Phone: CH 5-0428
- 913. Bellows-Valvair
B & G Terminal Bldg. (2)
Phone: GL 4-2636
- 914. Bergers Supply Co.
725 Lake Michigan Ave. (4)
Phone: GL 6-1509
- 915. Berggren, Eskild V.
5304 Plainfield Rd., NE. (5)
Phone: EM 1-6464
- 916. Berry Co., C. H.
231 Edison Park Ave., NW.
Phone: GL 4-1783
- 917. Black & Decker
190 Monroe St., NW. (2)
Phone: GL 4-9558
- 918. Blackmer Pump Co.
1809 Century Ave., SW. (9)
Phone: CH 1-1611
- 919. Braun Co.
P. O. Box 631
Phone: MY 8-8469
- 920. Bridgeport Brass Co.
200 Federal Square Bldg. (2)
Phone: GL 4-9545, 4-5557
- 921. CSA
4000 Eastern Ave., SE. (8)
Phone: CH 5-1185
- 922. Cahill Co., Walter F.
P. O. Box 289 (1)
Phone: GL 6-1982
- 923. Central Industrial Supply Co.
1309 Fulton St., E.
Phone: GL 8-1288
- 924. Century Electric Co.
B & G Terminal
900 Monroe Ave., NW. (2)
Phone: GL 4-5888
- 925. Chase Brass & Copper Co.
200 Division Ave., N. (2)
Phone: GL 9-7136
- 926. Codman Co., F. L. & J. C.
154 Louis St., NW. (2)
Phone: GL 4-8099
- 927. Coffman Electric Equip. Co.
3716 S. Division Ave., SE. (8)
Phone: GL 2-6482
- 928. Courser, Charles M.
1811 Silver Ave., SW. (7)
Phone: GL 2-5481
- 929. Crane Packing Co.
1381 Meadow Lane Dr., SE.
Phone: GL 2-6440
- 930. Creston Industrial Distributors
2 Sweet St., NE.
Phone: RI 2-3367
- 931. Creston Industrial Sales
1355 Kalamazoo Ave.
Phone: CH 1-0289
- 932. Cutler-Hammer Inc.
733 Alger St. (7)
Phone: CH 3-0152
- 933. Danly Machine Specialties Inc.
113 Michigan St., NW. (2)
Phone: GL 6-1535
- 934. Davidson, Arthur L.
2721 Albert Dr., SE. (6)
Phone: CH 3-1583
- 935. Davidson Co., Howard B.
1200 Burton St., SE. (7)
Phone: CH 5-1116
- 936. DeKorne Cutting Tools, C. B.
652 Turner Ave., NW. (4)
Phone: GL 8-2011

GRAND RAPIDS (cont.)

- 937. Dennis Machine Tool
415 Scribner, NW.
Phone: GL 9-3241
- 938. Dennis, Victor H.
1154 Calvin Ave., SE. (7)
Phone: GL 9-3241
- 939. Detroit Ball Bearing Co.
48-50 W. Fulton St. (2)
- 940. DeVilbiss Co., The
511 W. Fulton St. (2)
Phone: GL 6-1674
- 941. DeVries, Peter
834 Fulton, SE.
Phone: GL 8-0626
- 942. Dewey Co., E. B.
314 Straight, SW. (2)
Phone: GL 4-1825
- 943. DoAll Grand Rapids Co.
1211 Burton St., SE. (7)
Phone: CH 5-2191
- 944. Douglass Sales Co.
P. O. Box 311
Phone: GL 2-4898 or 8-3961
- 945. Ex-Cell-O Corp.
756 Burton, SE.
Phone: GL 2-9588
- 946. Farra, N. R.
P. O. Box 635
Phone: GL 4-4211
- 947. Farrell Co., The R. J.
2417 Eastern Ave., SE.
Phone: CH 5-7921
- 948. Fauver Co., J. N.
2622 Jefferson Ave., SE.
Phone: GL 2-1303
- 949. Flaherty Co., L. H.
638 Griggs St., SE.
P. O. Box 877M
Phone: CH 5-9266
- 950. Fredericks, John
1617 Edgewood, SE.
Phone: CH 5-7113
- 951. Frenell Co., W. R.
Box 31-C
Phone: GL 2-7925
- 952. Gates, Willard R.
2346 El Dorado Dr., SE.
Phone: CH 5-3223
- 953. General Electric Co.
425 Cherry St., SE. (2)
Phone: GL 6-7195
- 954. Gillhespy Sales & Service
532 Grandville Ave., SW. (3)
- 955. Good Steel Service Inc.
3025 Madison, SE. (8)
Phone: CH 1-4425
- 956. Grand Rapids Chemical Branch
4027 McKay Tower (2)
Phone: GL 1-2938
- 957. Grand Rapids Forging & Steel Co.
617 Ottawa Ave., NW. (2)
Phone: GL 6-5311
- 958. Grand Rapids Supply Co.
405 Grandville, SW.
Phone: GL 6-1721
- 959. Haviland Products Co.
421 Ann St., NW. (2)
Phone: EM 1-6681
- 960. Hayden Supply Co.
41 Market Ave., SW. (2)
Phone: GL 1-2711
- 961. Hayes, Roy
445 Wealthy, SE.
Phone: GL 9-7881
- 962. Hetler Equip. Co.
1904 Clyde Park Ave., SW.
Phone: CH 5-4606
- 963. Holcomb Co., A. L.
912 Grandville Ave., SW. (9)
Phone: CH 1-4411
- 964. Howell Electric Motors Co.
2461 28th St., SW.
P. O. Box R-45
Phone: LE 4-2291
- 965. Industrial Air & Hydraulic Equip. Co.
330 Ball Park Blvd., NW.
Phone: GL 6-7325
- 966. J-F Equip. Co.
1617 Edgewood Ave., SE.
Phone: CH 5-7113
- 967. Jervis-Webb Co.
11 Fuller, SE. (6)
Phone: GL 1-1666
- 968. Keldon Co.
1010 3 Mile Rd., NE.
- 969. Kelsey Co., Don W.
635 Dickinson, SE. (7)
- 970. Kirkhof Distributing Co.
1401 Madison Ave., SE. (7)
P. O. Box B-38
Phone: CH 1-2621
- 971. Lakeshore Machinery & Supply Co.
900 Monroe, NW.
Phone: GL 6-9879
- 972. Lakeshore Material Handling Co.
3057 Madison Ave., SE.
Phone: CH 5-2163
- 973. Leeds & Northrup Co.
1244 Ravannas, SE.
Phone: GL 4-2161
- 974. Lee's Tool Sales Co.
900 Monroe, NW. (2)
Phone: GL 8-0678
- 975. Lincoln Electric Co., The
1355 Century Ave., SW. (9)
Phone: CH 1-5645
- 976. Machinery Exchange Co.
Div. General Service Machine Co.
415 Scribner Ave., NW. (4)
Phone: GL 9-3241
- 977. Mackay Industrial Sales
2131 Kalamazoo Ave., SE. (7)
Phone: CH 1-1671
- 978. Manufacturers Sales Co.
990 Waltham Ave., SE. (6)
Phone: GL 4-7151
- 979. Manufacturers Supply Co.
2851 Buchanan Ave., SW. (18)
Phone: CH 1-2611
- 980. McLouth Steel Corp.
1974 S. Division (7)
Phone: CH 3-9461
- 981. Mechanical Rubber & Trans.
1324 Burton St., SW.
Phone: CH 5-2116
- 982. Meech, R. C.
1621 Ridgewood, SE.
Phone: CH 3-7740
- 983. Mich. Bearing Co.
906 Grandville Ave., S.
Phone: CH 1-1688
- 984. Midwest Lift Truck Co.
362 44th St., SW. (8)
Phone: LE 4-0769
- 985. Miller Welding Supply Co.
505 Fulton St., N.
Phone: GL 9-9461
- 986. Minn. Mining & Mfg. Co.
815 Monroe Ave. (2)
Phone: GL 6-8577
- 987. Mirandette, E. A.
336 Spruce St., SE.
Phone: CH 3-9426
- 988. Monahan Standard Co.
351 Indiana Ave., NW. (4)
Phone: GL 8-5917
- 989. Morrison Industrial Equip. Co.
3015 S. Division
Phone: CH 1-4458
- 990. Morse Chain Co.
2825 Maplewood, SE. (6)
Phone: CH 1-4124
- 991. Mueller Brass Co.
Murray Bldg., Room 205 (2)
Phone: GL 4-2278
- 992. Myers & Assoc., Buck
6 E. 28th St. (8)
Phone: CH 1-4443
- 993. Nash Co. Inc., William H.
1974 Division Ave., S. (7)
Phone: GL 2-0929
- 994. National Refining Co.
134 Weston, SW.
Phone: KE 3-7566
- 995. Nelson, George B.
1636 Division Ave., S. (7)
Phone: CH 1-2551
- 996. Nemic Machinery Co.
20 Cottage Grove, SW.
Phone: CH 1-1681
- 997. Newby, Thomas E.
1012 Cherry (6)
P. O. Box 128, Station C
Phone: GL 8-8459
- 998. Newell, H. E.
701 Jessie St., NE. (5)
Phone: EM 1-1653

999. Oakite Products Inc.
69 Front Ave., NW. (2)
Phone: GL 9-4285
1000. O'Brien, Jr., John F.
2709 Jefferson, SE. (7)
Phone: GL 2-9512
1001. Oliver Machinery Co.
1025 Glancey Ave., NE.
(2)
1002. Optical Equip. Co.
1515 Taylor Ave., N.
(2)
1003. Orr, John J.
1520 28th St., SW.
Box R-85
Phone: LE 4-4029
1004. Pace Co., F. D.
1725 Stehewour Dr., NW.
Phone: EM 1-2658
1005. Peninsular Steel Co.
1590 Madison Ave., SE.
(7)
Phone: CH 5-9294
1006. Pike, Thomas L.
1015 Northlawn, NE. (5)
Phone: EM 1-5591
1007. Plant Specialties Co.
900 Monroe Ave., NW. (2)
Phone: GL 8-2481
1008. Porter, H. Jos.
325 Fuller Ave., SE.
Phone: GL 9-3628
1009. Production Equip. Co.
441 Rosewood, SE.
1010. Purity Cylinder Gases Inc.
2520 28th St., SW. (9)
1011. Ranville Co., F.
241 Pearl St., NW.
Phone: GL 6-1737
1012. Rapistan of Mich. Inc.
510 Monroe Ave., NW. (2)
Phone: GL 6-8674
1013. Reliance Electric & Engrg.
Co.
East Bldg., Room 105
1514 Wealth St., SE.
Phone: GL 6-5314
1014. Republic Steel Corp.
1001 Mich. National Bank
Bldg. (2)
Phone: GL 9-6244
1015. Revere Copper & Brass Inc.
Keeler Bldg. (2)
Phone: GL 9-3301
1016. Reynolds Metals Co.
Beverly & Porter Sts. (2)
Phone: CH 1-4677
1017. Shedd, Robert W.
45 College Ave., NE. (3)
Phone: GL 4-6609
1018. Sheffield Mich. Sales
1418 Hazen Ave., SE.
Phone: GL 2-2830
1019. Sinclair Refining Co.
2665 S. Division Ave.
P. O. Box B66
1020. Sloop Mill Supply Co.
286 Bridge St.
Phone: GL 9-8115
1021. Somerville, W. H.
1942 Adams St., SE.
Phone: CH 5-0776
1022. Sponholz, Louis
442 Paris Ave., NE. (3)
Phone: GL 9-2123
1023. State Supply & Engrg. Co.
885 Grandville Ave., SW.
(9)
Phone: CH 1-5618
1024. Sun Oil Co.
1111 Wallen Ave., SW.
Phone: CH 3-0147
1025. Swanson Machinery Co.
Fuller Bldg.
11 Fuller Ave., SE. (6)
Phone: GL 4-9619
1026. Sweder Co., George A.
1031 Iroquois, SE.
Phone: CH 2-5220
1027. Tannewitz Works, The
301-325 Front Ave. (2)
Phone: GL 6-1729
1028. Taylor-Thompson Machin-
ery Co.
2157 Division St.
Phone: CH 3-9468
1029. Tubergen Saw & Cutter Ser-
vice
5252 Division Ave., S. (7)
Phone: Verway, The C. J.
510 28th St., SW. (9)
Phone: LE 4-5448

GRAND RAPIDS (cont.)

1031. Vickers Inc.
1331 Lake Dr., SE. (6)
Phone: GL 6-1146
1032. Warner & Swasey Co., The
190 Monroe Ave. (2)
Phone: GL 4-0551
1033. Wilcox Tool Supply
2226 Estelle Dr., SE. (6)
Phone: GL 2-0940
1034. Wing & Jabaay
2685 S. Division Ave.
Phone: CH 1-2125
1035. Wolf & Assoc., E. D.
756 Burton, SE. (7)
Phone: GL 2-5305
1036. Woldring & Assoc.
2211 Boston St., SE. (6)
Phone: GL 2-7828
1037. Wolverine Solvent & Chem-
icals Co.
2940 Stafford Ave., SW.
(8)
Phone: CH 5-9111

GROSSE ILE

1038. Miller, Carl D.
P. O. Box 36
Phone: DU 6-0900

GROSSE POINTE

1039. Angell, John H.
969 Balfour Rd. (30)
Phone: WA 3-0640
1040. Bania & Assoc., Ned
P. O. Box 5062 (36)
Phone: TU 4-7280
1041. Degnan, Jim
1100 Harvard Rd. (30)
Phone: TU 2-1054
1042. Horsch Co., Wm.
P. O. Box 5211 (36)
Phone: TU 1-9405
1043. Kornmeier, E. J.
1011 N. Oxford Rd. (36)
Phone: TU 1-5535
1044. Link Glass Machinery Co.
543 Notre Dame

GROSSE POINTE FARMS

1045. Gibbs, Walter
232 Lewiston Rd. (30)
Phone: TU 5-6294
1046. Trombly, Harold J.
477 Chalfonte Ave. (30)
Phone: TI 6-7280

GROSSE POINTE PARK

1047. Casey Equip. Corp.
1003 Berkshire Rd.
Phone: VA 1-0933

GROSSE POINTE SHORES

1048. Wolff, H. B.
44 Colonial Rd. (36)
Phone: TU 1-3830

GROSSE POINTE WOODS

1049. Beach, C. E.
1595 N. Renaud Rd. (36)
Phone: TU 1-9591
1050. Carter Engrg. & Sales
21031 Mack Ave.
Phone: TU 4-1820

HAMTRAMCK

1051. Sun Oil Co.
3884 Holbrook Ave. (12)
Phone: TR 2-5100

HASTINGS

1052. Bliss Co., E. W.
1004 E. State St.
Phone: HA 2474

HAZEL PARK

1053. Davis Gage & Engrg. Co.,
A. G.
21435 Dequindre
Phone: JO 4-5816
1054. Keystone Plating Supply
Inc.
21039 Dequindre
Phone: JO 6-3952
1055. Meier Brass & Aluminum
Co.
1471 E. 9 Mile Rd.
Phone: JO 6-3962
1056. Metals Finishing Corp.
825 E. 10 Mile Rd.
Phone: JO 4-6540
1057. Par Supply Co.
830 E. 9 Mile Rd.
Phone: LI 5-1731

Rite-O Tool & Gage Co.

- 321 W. 10 Mile Rd.
Phone: LI 5-4500
1059. Vicary Co., Wm. P.
1516 E. 9 Mile Rd.
1060. Wilsner-Lemon Machinery
Co.
22649 Stephenson Hwy.
Phone: LI 8-3444

HIGHLAND PARK

1061. Armour & Co.
75 Oakman Blvd. (3)
Phone: TU 3-3200
1062. Grant Sales Inc.
12928 Woodward Ave. (3)
Phone: TO 8-1286
1063. Montgomery & Assoc.,
James D.
116 Manchester Ave. (3)
1064. Motor City Distributors Inc.
580 E. 6 Mile Rd. (3)
Phone: TO 8-1322
1065. Vanadium-Alloys Steel Co.
345 Midland Ave. (3)
Phone: TO 8-6531

HOLLY

1066. National Refining Co.
7395 Buckell Lake Rd.
Phone: ME 7-8961

HOLT

1067. Heald Machine Co., The
1838 Hall St.
Phone: OX 4-8941
1068. Porter Co. Inc., H. K.
4171 E. Delhi Ave.
Phone: OX 9-2756

HOWELL

1069. Howell Electric Motors Co.
409 N. Roosevelt St.
Phone: HO 20
1070. Reuland Electric Co.
4500 E. Grand River Ave.
Phone: 1430

HUNTINGTON WOODS

1071. Horn, Richard L.
10535 Kingston Ave.
Phone: LI 8-3901
1072. Kavanagh Sales Co., George
26750 York Rd.
26125 Woodward Ave.
Phone: JO 4-5768

IRON MOUNTAIN

1074. General Controls Co.
Phone: 2910
1075. Standard Service & Supply
Co.
Box 668
1076. Thompson Co., W. B.
Phone: 2121

ISHPEMING

1077. Burrigge-Nyland Equip. Co.
212 Front St.
P. O. Box 358
Phone: HU 5-5112
1078. Charter Inc.
115 S. 1st St.
Phone: HU 6-4471

JACKSON

1079. Airo Steel Corp.
803 Belden Rd.
Phone: ST 9-6138
1080. Allis-Chalmers
297 W. Michigan Ave.
Phone: ST 4-8591
1081. Aluminum Co. of Amer.
1405 National Bank Bldg.
Phone: ST 4-8535
1082. Bellows-Valvair
225 S. Mechanic
Phone: ST 2-4483
1083. Casabli Co.
540 Wayne St.
Phone: ST 2-0345
1084. Coon-Simmonds Assoc.
548 N. Mechanic St.
Phone: ST 2-9097
1085. Detroit Ball Bearing Co.
1005 E. Michigan Ave.
Phone: ST 2-0574
1086. Electric Wholesale Supply
Co.
2503 E. Michigan St.
Phone: ST 2-7123

MICHIGAN

1087. General Electric Co.
129 W. Michigan Ave.
Phone: ST 9-7147
1088. Hamlin Co., C. E.
225 N. Jackson St.
Phone: ST 2-8255
1089. Jackson Tool Sales Inc.
1302 E. Michigan Ave.
P. O. Box 229
Phone: ST 4-8594
1090. Kennedy, Vincent L.
754 Woodlawn
Phone: ST 2-1444
1091. Kopplin Co., John
785 Park Rd.
Phone: ST 4-2229
1092. McLaughlin-Ward & Co.
409 23rd St.
Phone: ST 9-8141
1093. Miller Co., F. P.
718 E. Michigan Ave.
Phone: ST 4-6109
1094. Morrison Ind. Equip. Co.
417 Liberty St.
Phone: ST 2-8187
1095. National Refining Co.
531 Liberty St.
Phone: ST 9-6081
1096. Reynolds Metals Co.
Professional Bldg.
714 Michigan Ave.
Phone: ST 9-6129
1097. Robbins Tool Supply Co.
118 N. Roberts St.
P. O. Box 635
Phone: ST 4-3169
1098. Smith-Winchester Co.
134-148 S. Mechanic St.
Phone: ST 2-9461
1099. Sun Oil Co.
144 Monroe St.
Phone: ST 2-8271
1100. Tool Crib, The
762 Elmwood St.
Phone: ST 4-1985
1101. Tri-County Welding Sup-
plies
608 E. Pearl St.
1102. Triple Mill Supply Inc.
801 Wildwood Ave.
Phone: ST 2-8103
1103. Utility & Industrial Supply
921 E. Michigan Ave.
Phone: ST 9-6194
1104. Willis Tool Co.
215 Gillett Lake, R. 2
Phone: ST 4-8922

KALAMAZOO

1105. Barber-Colman Co.
209 W. S. Dewing Bldg. (2)
Phone: FI 2-2519
1106. Bard Tool & Equip. Co.
3434 S. Burdick St.
Phone: FI 3-2681
1107. Bellows-Valvair
208 Elm St.
Phone: FI 5-0924
1108. Bliss & Laughlin Inc.
1204 Manor St.
Phone: KA 2-4927
1109. Bond Supply Co.
524 N. Rose St.
Phone: FI 2-0184
1110. Buck, Byron
1009 W. North St.
Box 13
Phone: FI 9-6327
1111. Depatie Fluid Power Co.
234 S. Burdick
Phone: FI 4-1830
1112. Detroit Ball Bearing Co.
424 Harrison Ave.
Phone: FI 3-4661
1113. Dewey Co., E. B.
2519 Lake St.
P. O. Box 442
Phone: FI 4-6163
1114. Farnworth, George
P. O. Box 722
1115. Fauver Co., J. N.
303 Woodward Ave.
Phone: FI 2-1684
1116. General Electric Co.
927 S. Burdick St.
P. O. Box 2004
Phone: FI 5-8579
1117. Independent Elevator Ser-
vice & Electric Co.
123 W. North St.
Phone: FI 4-0867

SALES OFFICES

MICHIGAN

KALAMAZOO (cont.)

- 1118. Industrial Automation Corp.
225 S. Dartmouth St.
P. O. Box 26
Phone: FI 5-1936
- 1119. Industrial Sales & Engrg. Co.
3301 Portage St.
Phone: FI 5-7988
- 1120. Industrial Tool Service
412 Harrison St.
Phone: FI 5-8621
- 1121. Kalamazoo Mill Supply Co.
1820 Lake St.
Phone: FI 5-1158
- 1122. Kandler Co., John E.
618 E. Michigan Ave.
Phone: FI 5-5176
- 1123. Kendall Industrial Supplies
1918 King Hwy.
Phone: FI 5-1155
- 1124. Krum Co., J. C.
5633 King Hwy.
Phone: FI 3-1251
- 1125. Lakeshore Material Hand-
ling Co.
3436 S. Burdick St.
Phone: FI 9-5773
- 1126. Lindberg Engrg. Co.
1710 Kingdon Ave.
Phone: FI 3-2909
- 1127. Loughhead Co., Joseph E.
326 W. Kalamazoo Ave.
(11)
Phone: FI 3-1251
- 1128. Marion Co., Gilbert J.
548 Lake St.
Box 34
Phone: FI 5-2156
- 1129. Metal Product Sales Inc.
3611 E. Kilgore Rd.
Phone: FI 5-8924
- 1130. Mich. Bearing Co.
548 Lake St.
Phone: FI 5-2156
- 1131. Morrison Ind. Equip. Co.
1226 E. Michigan
Phone: FI 5-6181
- 1132. National Refining Co.
2601 N. Burdick St.
Phone: FI 3-1921
- 1133. Oakite Products Inc.
1110 Lakeway Ave.
Phone: FI 2-3410
- 1134. Purity Cylinder Gases Inc.
1313 S. Branch St.
Phone: FI 4-0518
- 1134A. Reliance Electric & Engrg.
Co.
3827 S. Westnedge
Phone: FI 9-5950
- 1135. Safety Services Inc.
1903 W. Main St.
Phone: FI 5-5195
- 1136. Sorlie Co., R. M.
815 Crosstown Parkway.
Phone: FI 5-5195
- 1137. Taylor Co., Harry W.
1350 King Hwy.
Phone: FI 3-5566
- 1138. Thuro, Don
609 W. Lovell (45)
Phone: FI 4-3327
- 1139. Upjohn Co., Henry
855 Lake St.
P. O. Box 190
Phone: FI 3-2571
- 1140. Welders Supplies & Gases
321 E. Vine St.
Phone: FI 3-6107
- 1141. Wilson, John L.
819 Reed St.
Phone: FI 9-1039

LAKE ORION

- 1142. Johns Sales, Cliff
374 Bunny Run Rd.
Phone: MY 3-1433

LANSING

- 1143. Barber-Colman Co.
1004 Prudden Bldg. (16)
Phone: IV 5-6268
- 1144. Bliss Co., E. W.
P. O. Box 1046
- 1145. Brown Machinery, R. F.
Phone: TE 2-3540
- 1146. Carrier Corp.
Mich. National Tower,
Room 1801
124 W. Allegan St. (68)
Phone: IV 5-3560

- 1147. Central Mich. Tool Supply
Co.
2001 Turner St. (5)
Phone: IV 4-9401
- 1148. Central Welding Supply Co.
Inc.
214 Reasoner St. (5)
- 1149. Detroit Ball Bearing Co.
138 N. Cedar St. (29)
- 1150. Drummond Industrial
Supply
427 S. Capitol Ave.
P. O. Box 223
Phone: IV 4-9954
- 1151. Dugan, P. V.
1111 Glenn St.
Phone: IV 5-8431
- 1152. Gardner-Denver Co.
3004 Turner St.
P. O. Box 5307, N. Lansing
Phone: IV 9-9059
- 1153. General Electric Co.
814 Mich. National Tower
(8)
Phone: IV 4-4584
- 1154. Hoffmeyer, W. J.
1434 Pettis St.
Phone: IV 4-1031
- 1155. Mich. Welding Supply Co.
3811 S. Cedar St. (10)
Phone: TU 2-5724
- 1156. Mill Supplies Corp.
336 E. Michigan Ave.
Phone: IV 2-0894
- 1157. Perkins, C. L.
701 W. Washtenaw
Phone: IV 5-7989
- 1158. Precision Tool Supply Co.
913 E. Saginaw St.
Phone: IV 4-5986
- 1159. Production Equip. Co.
226 S. Capitol Ave. (23)
Phone: IV 9-0214
- 1160. Ray, Don
1244 Blake St.
Phone: IV 5-6452
- 1161. Rhoades, J. H.
2406 E. Grand River Ave.
(12)
Phone: IV 5-0639
- 1162. Schaberg-Dietrich Hardware
Co.
1611-35 N. Grand River
Ave. (4)
Phone: IV 4-5305
- 1163. Schneider & Co., A. D.
408 E. Grand River Ave.
(6)
P. O. Box 5194
Phone: IV 4-4910
- 1164. Snyder Co., The M. C.
914 Mich. National Tower
(4)
P. O. Box 1077
Phone: IV 7-5475
- 1165. Spaulding Fibre Co. Inc.
2021 S. Cedar St. (10)
Phone: IV 2-1601
- 1166. Sturm Tool Supply Co.
520 S. Washington Ave.
(33)
Phone: IV 4-1364
- 1167. Wolverine Co.
310 S. Charles St. (11)
P. O. Box 2154
Phone: IV 2-8265

LAPEER

- 1168. Industrial Assoc.
2535 Baldwin Rd.
Phone: MO 4-2567

LATHRUP VILLAGE

- 1169. Farrell Co., The R. J.
26835 Southfield Rd.
Phone: EL 7-0333
- 1170. Roberts, James
27724 California, E.
Phone: EL 7-1531
- 1171. Roy Sales Co., J. M.
26845 Southfield Rd.
Phone: KE 7-0960
- 1172. Schmidt Inc., Geo. T.
18511 Glenwood Ave.
Phone: WO 1-5164
- 1173. Summerhill Tubing Co.
27320 Southfield Rd.
Phone: EL 6-1018

LIVONIA

- 1174. Alexander, C. H.
9915 Ingram St.
Phone: GA 1-6963

- 1175. Barnum Co., H. H.
12201 Merriman Rd.
Phone: KE 1-7504
- 1176. Borel & Dunner
19313 Farmington Rd.
16664 Pollyanna Ct.
- 1177. Dreisbach, Ralph
35233 Pine Tree
- 1178. Entrikin, R. G.
31615 Alabama
Phone: GA 2-6088
- 1179. Gross, L. R.
14136 Arcola
Phone: GA 7-0697
- 1181. Jensen, John C.
12201 Merriman Rd.
Phone: GA 7-0550
- 1182. Jostich, Rudolph
17510 Mayfield Ave.
Phone: GA 2-0375
- 1183. Miller, W. C.
33747 Cindy Ave.
Phone: DI 1-9203
- 1184. Process Controls
P. O. Box 2021
Phone: KE 1-1785
- 1185. Supreme Tri-Bit Sales Co.
33101 W. 8 MI
Phone: KE 3-2339
- 1186. Westinghouse Air Brake Co.
32510 Plymouth Rd.
Phone: GA 1-1980

MADISON HEIGHTS

- 1187. Davis, John R.
31302 Stephenson Hwy.
Phone: JO 6-3066
- 1188. M-W Sales
31171 Stephenson Hwy.
Phone: LI 1-1991
- 1189. Mid-West Abrasive Co.
25812 John R.
Phone: LI 8-2440
- 1190. Tocco Div.
30100 Stephenson Hwy.
Phone: JO 4-6880

MANCHESTER

- 1191. B & S Cutter Service Co.
715 E. Duncan St.

MARQUETTE

- 1192. DeHaas Co., C. T.
Kaufman Bldg.
Box 89
Phone: CA 6-6515
- 1193. Interstate Welding Sales
Corp.
1106 W. Washington St.
- 1194. Soo Hardware Co.
Phone: CA 6-7521
- 1195. Wis. Bearing Co.
703 W. Washington
Phone: CA 6-7557

MARSHALL

- 1196. Baumgardner, Harry B.
338 N. Grand Ave.
Phone: ST 1-3522
- 1197. Reed, Robert W.
P. O. Box 27
Phone: ST 1-7287
- 1198. Wolf & Assoc., E. D.
411 East Dr.
Phone: ST 1-2332

MEMPHIS

- 1199. Empire Tool Co.
11500 Lambs Rd.
Phone: ME 108

MENOMINEE

- 1200. Christensen Machinery &
Supply Co.
1320 1st St.
Phone: UN 3-5541
- 1201. Northern Hardware & Sup-
plies Co.
705 6th Ave.
- 1202. Prescott Supply Co., Don S.
519 1st St.
Phone: UN 3-6193

MIDLAND

- 1203. Nilsson's

MILFORD

- 1204. Fremlin, John C.
625 Half Acre Dr.
P. O. Box 134
Phone: MU 4-0512

- 1205. Gibson, Russell V.
722 Panorama Dr.
- 1206. Hallad, John
1503 Van Stone Dr.
Route 3
Phone: EM 3-6031

MONROE

- 1207. Hoener, Edward L.
3072 Lake Shore Dr.
Phone: CH 2-0024
- 1208. Monroe Engrg. Products Inc.
1515 Hurd Rd.
Phone: CH 1-1836

MT. CLEMENS

- 1209. Electro-Sales Assoc.
36500 Weideman Rd.
Phone: HO 8-2461
- 1210. McCollom, R. L.
21325 Drexel Dr.
Phone: HO 3-4277

MT. MORRIS

- 1211. Goodwin, Ed.
5265 E. Mt. Morris Rd.
Phone: NI 9-6121

MUSKEGON

- 1212. Atlas Welding Supply Co.
543 W. Southern Ave.
Phone: 2-3883
- 1213. Detroit Ball Bearing Co.
162 Apple St.
Phone: 6-2151
- 1214. Engrg. & Materials
Handling Industries
487 W. Forest Ave.
Phone: 2-3548
- 1215. Erie Industrial Supply Co.
1616 W. 6th St.
- 1216. Factory Supply Co.
1036 Terrace St.
Phone: 2-8226
- 1217. Fitzpatrick Electric Supply
Co.
444 Irwin Ave.
Phone: 2-6261
- 1218. Gilbert, E. M.
2323 Harding
Phone: 5-1047
- 1219. Huebner, Bill
1849 Seminole Rd.
Phone: 5-6492
- 1220. Independent Pump Co.
1250 Getty St.
Phone: 2-3252
- 1221. Industrial & Hardware Sup-
ply Co.
2336 Henry St.
- 1222. Lakeshore Machinery &
Supply Co.
490 W. Laketon Ave.
Phone: 2-6655
- 1223. Morrison Industrial Equip.
Co.
841 Barney at Getty St.
Phone: 3-3645
- 1224. Muskegon Hardware & Sup-
ply Co.
605 W. Western Ave. (5)
Phone: 2-3767
- 1225. Muskegon Marking Equip.
1147 3rd St.
Phone: 2-8884
- 1226. National Refining Co.
615 W. Dale
Phone: 2-3505
- 1227. Sorenson, L. P.
3987 Stamford Dr.
- 1228. Talco Assoc.
P. O. Box 164
Phone: 2-3260
- 1229. Towne Hardware & Supply
Co.
1849 Peck St.
Phone: 2-2651
- 1230. Travis, M. C.
1167 Peck St.
Phone: 6-3526
- 1231. Wilson-Conklin Co.
120 E. Forest Ave.
Phone: 2-3430
- 1232. Reid Tool Supply Co.
332 W. Delano Ave.
Phone: MU 6-3561
- 1233. Tupes Spring & Welding
Service
2034 Peck St.

SALES OFFICES

NILES

1234. Swartz Machinery Co., H. L.
U. S. 112 - M 60, W. (4)
Phone: MU 3-2231

NORTH BRANCH

1235. Rayco Tap & Tool Co.
P. O. Box 265
Phone: 2220

NORTH MUSKEGON

1236. MC Supply Co.
503 Center St.
Phone: 4-1127

NORTHVILLE

1237. Hall Tool Co.
46640 W. 7 Mile Rd.
Phone: WO 1-2123

OAK PARK

1238. Esaco Products
23270 Norwood (37)
Phone: LI 3-8660
1239. Gardner-Denver Co.
12700 Capital Ave. (37)
P. O. Box 3735
Phone: JO 6-7150
1240. Greig, William R.
14661 11 Mile Rd.
Phone: JO 6-2360
1241. Industrial Abrasive Co.
21630 Wyoming Ave. (37)
Phone: JO 6-4715
1242. Knopf Sales Co., Mel
24350 Condon Ave.
Phone: LI 8-8234
1243. McCarty, Russell
10431 Oak Park Blvd. (37)

OKEMOS

1244. Chapman, James F.
2000 Pawnee Trail
Phone: ED 2-5481
1245. Luttrell, John
4591 Seneca
Phone: ED 7-9633
1246. Martin, W. T.
2380 Kewanee Way
Phone: ED 2-4534
1247. Motch & Merryweather Ma-
chinery Co.
4590 Arrowhead Rd.
Phone: ED 7-7250

ORCHARD LAKE

1248. Heckendorf, Herbert
7163 Buckthorn
Phone: UN 1-5530
1249. "POP" Rivet Div.
5801 Parkland
West Bloomfield
Phone: MA 6-1471

ORTONVILLE

1250. Schumacher, Francis
P. O. Box 352
Phone: NA 7-2021

OWOSSO

1251. Cleary, Clark C.
1220 Center St.
Phone: SA 3-4707
1252. GB Industrial Supplies
625 Coruna
Phone: SA 5-7541
1253. Mid-West Abrasive Co.
510 S. Washington St.
Phone: SA 5-7161
1254. Oakite Products Inc.
221 E. Oliver St.
Phone: SA 5-5060

PETOSKEY

1255. Fochtman Motor Co. Inc.
Phone: DI 7-2577

PLEASANT RIDGE

1256. Burrell & Stocker Machine
Tool Co.
23675 Woodward Ave.
Phone: JO 4-6555
1257. Cincinnati Milling & Grind-
ing Machines Inc.
24100 N. Woodward Ave.
Phone: JO 4-6094,
LI 5-6868
1258. Perkins, C. A.
23908 Woodward Ave.
Phone: LI 5-4996

PLYMOUTH

1259. Smitherman, Roy
1579 Lexington Rd.
Phone: GL 3-1654

PONTIAC

1260. Aluminum Co. of Amer.
301 Pontiac State Bank
Bldg. (15)
Phone: FE 4-1531
1261. Brewster, Robert D.
2467 Ivanhoe Rd.
1262. Cutting Tools & Supplies
Inc.
86 S. Cass Ave. (15)
Phone: FE 2-0108
1263. Eichelman, W. H.
4620 Linwood Dr.
Phone: FE 8-1185
1264. Forster Tool & Supply
766 Woodward Ave.
Phone: FE 2-0237
1265. Miller Co., D. E.
84 Auburn Rd.
Phone: FE 8-8788
1266. Oakland Mill Supply Co.
Inc.
316 Irwin Ave. (17)
Phone: FE 3-7147
1267. P T Standard Parts
120 E. Columbia (16)
Phone: FE 4-9521
1268. Progressive Welder Sales Co.
915 Oakland Ave.
Phone: FE 4-9518

PORT HURON

1269. Beard-Campbell Co.
514 Eroad St.
Phone: YU 5-7106
1270. Campbell Co., Marshall E.
514-520 Broad St.
Phone: YU 5-7106
1271. Detroit Ball Bearing Co.
P. O. Box 744
1272. Moak Machine & Tool Co.
Phone: YU 6-7164
1273. Port Huron Equip. Co.
P. O. Box 787
Phone: YU 5-5186
1274. Port Huron Machine Prod-
ucts Co.
P. O. Box 206
Phone: YU 4-4188
1275. Port Huron Welding Supply
2304 Farrend St.

POWERS

1276. Wis. Industrial Truck Co.
Inc.
P. O. Box 101
Phone: 2296

RICHLAND

1277. Overton, Norbey A.
Route 1
Phone: MA 9-5241

RIVER ROUGE

1278. Sun Oil Co.
500 S. Dix Ave. (17)
Phone: VI 3-4200

ROCHESTER

1279. Wallace, Robert E.
460 W. Tienken Rd.
Phone: OL 1-6554

ROSEVILLE

1280. Bernstein, D. A.
27560 Grossbeck Hwy.
P. O. Box 506
1281. Industrial Assoc.
25195 Barbara St.
Phone: PR 2-5757

ROYAL OAK

1282. Amer. Instrument Co. Inc.
4012 W. 13 Mile Rd.
Phone: JO 4-6057
1283. Bears, Floyd L.
1433 Northwood Blvd.
Phone: LI 7-6777
1284. Bears, Leland M.
1216 Lyons Ave.
Phone: LI 1-2444
1285. Chamberlin, A. B.
2300 N. Woodward Ave.,
Suite 12
Phone: LI 1-3445 and
1-1556

1286. DeBrabant, H. M.

- 522 S. Wilson
Phone: LI 8-4190
1287. Detroit Gas Products Co.
925 E. 10 Mile Rd.
1288. Equitable Engrg. Co.
2724 Normandy Rd.
Phone: LI 9-5300
1289. Fakes Co., Joseph B.
1415 Etowah Ave.
Phone: LI 1-0517
1290. Fellows Gear Shaper Co.,
The
1048 N. Woodward Ave.
Phone: LI 5-2400
1291. Ferguson Machine Corp.
P. O. Box 186
Phone: LI 7-2319
1292. Hazerodt Assoc.
903 S. Woodward Ave.
Phone: LI 8-0320 &
JO 6-7978
1293. Hooker & McCarty Co.
202 Forest Ave.
Phone: LI 1-2769
1294. Hydro-Line Mfg. Co.
2300 N. Woodward
Phone: LI 8-6450
1295. Keen Edge Saw Works
2801 Hilton Rd. (20)
Phone: LI 2-4890
1296. Kruse Assoc.
1925 Vinsetta Blvd.
Phone: LI 8-9111
1297. Lindberg Engrg. Co.
1220 S. Woodward Ave.
Phone: JO 6-3128
1298. National Electric Welding
Machines Co.
4405 W. 13 Mile Rd.
Phone: JO 6-7171
1299. Plische, Thomas A.
2017 Crook Rd.
Phone: LI 1-0115
1300. Russello, B. G.
4259 Olivia St.
Phone: LI 9-4438
1301. Ryan Co., Walter S.
4363 Woodward Ave.
Phone: LI 9-3300
1302. Satullo Co., The
4512 N. Woodward Ave.
Phone: JO 6-2375
1303. Schilling, F. V.
1516 W. Webster Rd.
1304. Subia, John W.
25600 Dundee
Phone: LI 3-0112
1305. Tech-Matic Specialties Inc.
P. O. Box 212
Phone: LI 7-5526
1306. Wallace, Mac H.
1911 N. Wilson
Phone: LI 4-4669
1307. Wheeler & Co, Vern
1426 N. Woodward Ave.
Phone: JO 4-6724
1308. Whitman, W. E.
1304 Marywood
Phone: LI 3-0543
1309. Zagar Inc.
1007 E. 3rd St.
Phone: LI 4-2006

SAGINAW

1310. Avery, Donald G.
923 Almira
1311. Beckley Equip. Co.
2940 Bay Rd.
Phone: SW 2-1544
1312. Bellows-Valva
107 Hayden St.
Phone: PL 4-3043
1313. Case & Assoc., M. R.
Service Bldg.
107 Hayden
Phone: PL 2-9828
1314. Cutler-Hammer Inc.
243 Goff Bldg.
107 N. Franklin St.
Phone: PL 5-0417
1315. Detroit Ball Bearing Co.
425 N. Washington Ave.
1316. Flack-Pennell Co.
330 S. Baum St.
Phone: PL 3-5415
1317. Fullerton Tool Co. Inc.
121 Perry St.
Phone: PL 3-6011

MICHIGAN

1318. General Electric Co.
2nd Nat'l. Bank Bldg.
Phone: PL 5-8133
1319. Grandsen-Hall & Co.
2011 S. Michigan Ave.
Phone: PL 5-0566
1320. Hydro-Mechanical Supply
510 Shattuck Rd.
Phone: PL 3-4427
1321. Industrial Lift Truck Sales
Inc.
3409 Hess St.
Phone: PL 2-9694
1322. Industrial Supply Co., The
219 Tuscola St.
P. O. Box 278
Phone: PL 3-6411
1323. Industrial Tool Service
418 N. Michigan Ave.
Phone: PL 4-6264
1324. Mahar Tool Supply Co. Inc.
1708 N. Michigan
Box 610
Phone: PL 5-0521
1325. Markey, Edmund L.
505 Superior St.
Phone: PL 2-2306
1326. Mich. Bearing Co.
2940 Bay Rd.
Phone: SA 5-6519
1327. Miles Machinery Co.
2025 E. Genesee Ave.
Phone: PL 2-3105
1328. Morley Brothers
125 N. Washington Ave.
Phone: WO 3-8621
1329. Northern Industrial Supply
Co. Inc.
815 E. Genesee Ave.
Phone: PL 5-5381
1330. Reese David
P. O. Box 828
Phone: PL 4-0762
1331. Reichle Supply Co.
12155 Jefferson
Phone: PL 5-3431
1331A. Reliance Electric & Engrg.
217 Goff Bldg.
Phone: PL 5-0427
1332. Reynolds Metals Co.
Service Bldg.
107 Hayden St.
Phone: PL 5-0528
1333. Saginaw Supply Corp.
109 W. Oakley Ave.
Phone: PL 5-3447
1334. Saginaw Welding Supply Co.
426 S. Washington
Phone: PL 5-0426
1335. Schmerheim Electric Co.
405 Davenport
Phone: PL 2-4128
1336. Shively Brothers Inc.
4510 Dixie Hwy.
Phone: PL 2-8561
1337. Spencer Equip. Co.
4978 Dixie Hwy.
Phone: PL 2-5743
1338. Tapes of Saginaw Inc.
402 Davenport St.
Phone: PL 2-2193
1339. Vascology-Ramet Corp.
421 Wisner St.
Phone: PL 4-3384
1340. Walz Industrial Supply
401 Atwater St.
Phone: PL 5-7771
1341. Wolverine Gas Products Inc.
311 Stoker Dr.
Phone: PL 5-8156
1342. Zehnder, P. J.
1619 Hanchett St.
Phone: PL 3-2916

ST. CLAIR SHORES

1343. Allen, William R.
21626 Yale
Phone: PR 3-1551
1344. Beischel, James W.
22825 Amherst Ave.
Phone: PR 1-8890
1345. Darling & Assoc., Arthur S.
22673 Bayview Dr.
Phone: PR 7-9515
1346. Evans Co. Inc., Thomas A.
22520 Lange Blvd.
Phone: PR 1-6200
1347. Smith, G. L.
27000 Jefferson St.
Phone: PR 7-7251

SALES OFFICES

MICHIGAN

ST. JOSEPH

1348. Belmfahr, Sig
1900 Lake Shore Dr.
Phone: YU 3-4869
1349. Lakeland Mill Supply Co.
2960 Niles Ave.
Phone: YU 3-1565
1350. Schultz Industrial Supply Co.
2826 Niles Co.
Phone: YU 3-5551

ST. LOUIS

1351. Nieberding Co., R. A.
2 Manor Lane

SAULT STE. MARIE

1352. Jacobs & Son, P.
900 E. Spruce St.
1353. Soo Hardware Co.
100 Ashmun St.

SOUTHFIELD

1354. Haber Co., George
22901 Timberline (38)
1355. Lynch, Jack
18720 Autumn Lane
Phone: MI 4-2973
1356. March Corp., The
23100 W. 8 Mile Rd.
Phone: KE 3-3946
1357. Murphy, John
17341 Avilla Blvd.
1358. Rapistan of Detroit Inc.
22223 Telegraph Rd.
Phone: BR 3-0921
1359. Reynolds Metals Co.
Northwestern at Northland Dr.
Phone: KE 7-5000
1360. Tri-State Machinery Inc.
16281 Pennsylvania Ave.
Phone: EL 6-7500

SOUTH HAVEN

1361. Jensen International, John C.
404 Broadway
P. O. Box 271
Phone: 1141

SPARTA

1362. DeVoogd, Adrian J.
Box 274
1363. Esley Machinery Co., The
E. L.
Box 274
Phone: GL 8-7551

SPRINGLAKE

1364. Van Kee Tool Co.
17674 W. Springlake Rd.
Phone: GR 5160

SPRINGPORT

1365. Bennett, K. W.

STURGIS

1366. Northwest Chemical Co.
Box 491
Phone: OL 1-2608

THREE RIVERS

1367. Detroit Tool Works Inc.
P. O. Box 84
Phone: CR 8-5054

TRAVERSE CITY

1368. Fochtman Motor Co.
Industrial & Mill Supplies
Phone: WI 6-6278
1369. Shoreline Hardware Co.
333 Grandview Parkway.

TROY

1370. Bowers Co., Daniel L.
6621 Crooks Rd.
Phone: FE 5-2838
1371. Denison Engrg. Div.
900 W. Maple Rd.
Phone: JU 8-2800

UTICA

1372. Mac-It Parts Co.
43612 Donley Dr.
Phone: RE 2-7979

VAN DYKE

1373. Crown Tool Supply
8407 9 Mile
Phone: SL 8-2240

1374. Murvay Co., E. R.
22729 Hoover Rd.
1375. Production Tool Supply Co.
11311 E. 8 Mile Rd.
Phone: JE 9-1666

WALLED LAKE

1376. Sargent Tool Supply
1744 Pedersen Rd.
Phone: ZA 8-6333, Detroit Mobile

WARREN

1377. A & C Engrg. Co. Inc.
12024 E. 9 Mile Rd.
Phone: SL 8-6529
1378. Angell & Assoc., John H.
11400 E. 9 Mile Rd.
Phone: SL 8-4292
1379. Bliss & Laughlin Inc.
21000 Hoover Rd.
Phone: JE 9-1046
1380. Carlson, Dimond & Wright Inc.
14221 E. 8 Mile Rd.
Phone: DR 1-8730
1381. Crown Tool Supply
8407 E. 9 Mile Rd.
Phone: SL 8-4429 & JE 9-4220
1382. Detroit Ball Bearing Co.
21019 Mound Rd.
1383. Electro-Mation Assoc.
4012 9 Mile Rd.
Phone: JE 9-1420
1384. Gendron Co., H. L.
22034 Dequindre Rd.
Phone: LJ 1-8600
1385. Hovis Screwlock Co.
8106 E. 9 Mile Rd.
Phone: SL 7-4800
1386. Latimer Co., Ira S.
21066 Ryan Rd.
Phone: JE 9-7640
1387. Latrobe Steel Co.
26355 Mound Rd.
Phone: JE 6-3553
1388. Murvay Co., E. R.
22729 Hoover Rd.
Phone: JE 9-2255
1389. Production Tool Supply Co.
11311 E. 8 Mile Rd.
1390. Slater Tool Co.
3132 Garrick
Phone: SL 8-6917
1391. Strelinger Co., Charles A.
31855 Van Dyke Ave.
P. O. Box 4674
Phone: JE 9-6000
1392. Udyllite Corp., The
21441 Hoover Ave.
Phone: SL 7-6200

WAYNE

1393. Minn. Mining & Mfg. Co.
3720 S. Venoy Rd.
Phone: LO 5-2700
1394. Purolator Products Inc.
3927 4th St.
Phone: PA 1-5300

WILLIAMSTON

1395. Syntron Detroit Sales Co.
306 Crossman St.
P. O. Box 102
Phone: 204

WYANDOTTE

1396. Wayne Tool & Supply Co.
1620 Ford Ave.
Phone: AV 2-0255

MINNESOTA

ALBERT LEA

1. Lesota Tool Co. Inc.
201 E. Clark St.

BLOOMINGTON

2. Luckie, C. P.
8916 Columbus Ave., S.
Phone: TU 1-4109

DULUTH

3. Allis-Chalmers
10 E. Superior St. (2)
Phone: RA 7-5061

4. Arrowhead Bearing Co.
1012 E. Superior St. (2)
Phone: RA 4-8891

5. Gardner-Denver Co.
521 E. Superior St. (2)
Phone: RA 7-7453
6. General Electric Co.
14 W. Superior St. (2)
7. Girard Steel Supply Co. Inc.
2915 W. Superior St.
Phone: MA 8-1001
8. Great Lakes Auto Parts & Machine Works
302 E. Superior St.
Phone: RA 2-0841
9. Handling Equip. Co.
303 Board of Trade Bldg.
Phone: RA 2-9065
10. Johnson Elevator Co.
406 Fidelity Bldg. (2)
11. Killorin, J. F.
203 N. Central Ave. (7)
12. Lake Shore Inc.
1025 London Rd.
Phone: RA 4-8537
13. Mars Co., W. P. & R. S.
322-324 W. Michigan St. (2)
Phone: RA 2-0565
14. Minn. Bearing Co.
409 E. Superior St.
Phone: RA 2-7488
15. Modern Distributors Inc.
309 S. 5th Ave., S. (2)
16. Modern Industrial Supply
17. Oakite Products Inc.
1528 Anderson Rd. (11)
Phone: RA 2-3644
18. P. H. Machinery Inc.
2923 W. Superior St.
Phone: MA 4-5728
19. Satterlee Co., The
411 E. Superior (2)
Phone: RA 7-8454
20. Wallner Welding Supply Co.
315 S. 1st Ave., E. (2)

EAST GRAND FORKS

21. Sun Oil Co.
215 N. 2nd St.
Phone: 3-2693

EVELETH

22. Lincoln Electric Co., The
Leonidas School
Phone: SH 1-5848

FERGUS FALLS

23. General Electric Co.
Norby Bldg., Room 4
P. O. Box 197

HIBBING

24. Arrowhead Bearing Co.
2115 1st Ave.
Phone: AM 2-1067
25. Hewitt-Robins
718 E. Howard St.
Phone: HI 3-9109
26. Mars Co., W. P. & R. S.
1620 13th St.
Phone: AM 3-7586
27. Minn. Bearing Co.
504 W. 41st St.
Phone: AM 3-3687

HOPKINS

28. Crane Packing Co.
16609 Hidden Valley Rd.
Phone: WE 5-2432
29. De Laval Separator Co., The
12751 Wood Court Lane
Phone: WE 5-1621
30. Metal Tools Co.
621 E. Excelsior Ave.
Phone: WE 5-2138
31. Miller Sales Co.
3835 Shady Oak Rd.
Phone: WE 5-3542
32. Pratt & Whitney Co. Inc.
P. O. Box 223
Phone: GR 4-8406
33. Wright & Assoc., J. B.
4817 Royal Oaks Dr.
Phone: FE 5-7833

HUTCHINSON

34. Stocking, C. H.

LEXINGTON

35. Stewart-Hunt Inc.
401 Lowell St. (73)

LONG LAKE

36. Scott, Douglas M.
Phone: FE 5-4072

MINNEAPOLIS

37. Aaron & Assoc. Inc., Irvin I.
614 E. Grant St. (4)
Phone: FE 6-6629
38. Adrian Drew Co.
900 Metropolitan Bldg. (1)
Phone: FE 3-0281
39. Air Engrg. & Supply Co.
2719 E. Franklin
Phone: FE 9-5579
40. Air & Hydraulic Equip. Co.
P. O. Box 5438 (8)
Phone: GR 1-8249
41. Alemite Co. of Minn.
1226 Harmon Pl. (3)
42. Allegheny Ludlum Steel Corp.
2400 N. Lilac Dr. (22)
Phone: JU 8-4050
43. Allis-Chalmers
821 Marquette Ave. (2)
Phone: FE 3-6455
44. Aluminum Co. of Amer.
1060 Northwestern Bank Bldg. (2)
45. Amer. Brass Co., The
607 Marquette Ave. (2)
Phone: FE 9-3057
46. Anderson, Harry E.
2520 Nicollet (4)
Phone: TA 5-6802
47. Anderson, R. E.
3418 E. Lake St. (6)
Phone: PA 9-2614
48. Arlan Assoc. Inc.
207 E. Lake St. (8)
Phone: TA 7-3679
49. Arnold & Co., Fred P.
5605 Lyndale Ave., S. (19)
Phone: TA 4-6090
50. Arrowhead Bearing Co.
1529 Hennepin Ave.
Phone: FE 5-1111
51. Aske & Son, W. F.
6529 Cambridge St. (26)
Phone: WE 9-0494
52. Bader Tool Sales Co.
2500 1/2 Chicago Ave. (4)
Phone: FE 8-2218
53. Baldwin Supply Co.
1329 S. 6th St. (4)
Phone: FE 8-6911, 3-4534
54. Barry & Sewall Industrial Supply
1721 Chicago Ave. (4)
Phone: FE 9-0377
55. Barstow Co., W. G.
6800 W. Lake St. (16)
Phone: WE 9-8568
56. Bathke Co., F. H.
4109 E. Lake St.
Phone: MI 6-4591
57. Bellows-Valvair
702 W. Broadway (11)
Phone: JA 1-1531
58. Bemis-Johnson Co.
1645 Hennepin Ave. (3)
Phone: FE 8-4654
59. Berreau Co., T. O.
2204 E. 25th St. (4)
Phone: PA 2-6181
60. Black & Decker
2815 Nicollet Ave. (8)
Phone: TA 3-5263
61. Blesi-Evans Co.
2803 Riverside Ave.
Phone: FE 9-7019
62. Bliss & Laughlin Inc.
3424 E. Lake St. (6)
Phone: PA 9-6006
63. Booth & Assoc.
1932 Drew Ave., S.
Phone: FE 9-5878
64. Bridgeport Brass Co.
124 12th Ave., S. (15)
Phone: FE 9-7061
65. Burns, Arthur J.
5054 Nokomis (17)
Phone: PA 9-4283
66. CSA
2911 Como Ave., SE. (14)
Phone: FE 3-8221
67. Carlson Industrial Supply Co.
1009 E. Franklin Ave. (4)
Phone: FE 9-6719

68. Carrier Corp.
1729 Nicollet Ave. (3)
Phone: FE 6-9681
69. Carroll, John E.
7509 Sheridan Ave., S.
(23)
Phone: UN 9-3309
70. Carter Co., The R. J. S.
1219 Flour Exchange Bldg.
(15)
Phone: FE 5-1834
71. Century Electric Co.
Calhoun Commercial
Bldg., Room 609
711 W. Lake St. (8)
Phone: TA 7-2575
72. Chain Belt Co.
3033 Excelsior Blvd. (16)
Phone: WA 7-7066
73. Chappel & Co., P. E.
417 N. Hopkins Cross Rd.
(27)
Phone: FE 6-4661
74. Chase Brass & Copper Co.
145 N. 10th St. (3)
Phone: FE 6-4661
75. Chicago Pneumatic Tool Co.
2812 E. 26th St. (6)
Phone: PA 1-5725
76. Cleveland Tramrail Twin
City Co.
2907 E. Franklin Ave. (5)
Phone: FE 9-2719
77. Clinton, W. S.
11180 Quinn Ave., S.
Phone: TU 4-2976
78. Colberg, Fay V.
4413 4th St., NE.
Phone: SU 6-5405
79. Conroy, William J.
5225 Xerxes Ave., S. (10)
Phone: WA 6-1064
80. Continental Oil Co.
912 Baker Bldg. (2)
Phone: FE 5-1251
81. Coppini Sales Co., P. L.
3435 E. 25th St. (6)
82. Cowan Co., Wm. S.
235 Sexton Bldg. (15)
Phone: FE 5-5625
83. Crosby & Assoc. Inc., C. G.
P. O. Box 6355, Richfield
Station (23)
Phone: TA 2-0232
84. Cutler-Hammer Inc.
4439 Hiawatha Ave. (6)
Phone: PA 1-4453
85. DeVilbiss Co., The
3018 E. Lake St. (6)
Phone: PA 9-2339
86. Diversey Corp., The
2614 Nicollet Ave. (8)
Phone: TA 2-2135
87. DoALL Twin Cities Co.
1328 S. 4th St. (4)
Phone: FE 9-8738
88. Douglass Inc., Richard
901 N. 5th St. (1)
Phone: FE 5-3228
89. Dow Corning Corp.
7514 Oliver Ave., S. (23)
Phone: UN 9-3291
90. Duncan Co.
1300 4th St., S. (4)
Phone: FE 3-5407
91. Dvorak Supply Co.
2614 Queen Ave., N. (11)
92. Dygert Co.
3220 W. 56th St. (24)
Phone: WE 9-7784
93. Edey Co., The
1302 5th Ave., S. (4)
Phone: FE 3-2813
94. Elde Co., The John C.
746 N. 4th St. (1)
Phone: FE 9-7661
95. Elde Inc., R. G.
209 Washington Ave., N.
(1)
Phone: FE 8-4846
96. Eller Equip. Co.
1107-09 S. 2nd St. (15)
Phone: FE 9-9226
97. Elgin National Watch Co.
2506 1/2 Chicago Ave. (4)
Phone: FE 8-2218
98. Elstad Sales Co., Lester L.
5910 Wayzata Blvd. (16)
Phone: LI 5-4000

MINNEAPOLIS (cont.)

99. Enterprise Machine Tool Co.
Inc.
1309 Clover Dr. (20)
Phone: UN 6-5001
100. Erskine Co., W. H.
Box 3164, Traffic Station
(3)
Phone: MI 4-7992
101. Ex-Cell-O Corp.
3406 University, SE. (14)
Phone: FE 6-5454
102. Fafnir Bearing Co., The
1607 Hennepin Ave. (3)
Phone: FE 6-2635
103. Fay Machinery Co.
210 S. 5th St.
Phone: FE 2-4068
104. Federal-Bryant Machinery
Co.
210 S. 5th St. (2)
Phone: SU 8-5405
105. Feist-Blanchard Co.
8 S. 13th St. (3)
106. Finishing Equip. & Supply
Co.
3782 E. Lake St. (6)
Phone: PA 1-1787
107. Forbes Co., W. D.
129 6th Ave., SE. (14)
Phone: LI 6917
108. Form Products Co.
244 17th Ave. (11)
Phone: JA 9-9511
109. Foster Co., John Henry
3020 E. Franklin Ave. (6)
Phone: FE 9-7605
110. Foster Co., Mel
2402 Hennepin Ave. (5)
Phone: FR 4-2612
111. Foundry Supply Co. Inc.,
The
650 25th Ave., SE.
Phone: FE 9-0231
112. Fuller Brush Co.
4525 Hiawatha Ave. (17)
113. General Controls Co.
6522 Walker St. (26)
Phone: WE 9-7111
114. General Electric Co.
12 S. 6th St. (3)
115. Gieffer & Co., F. M.
2644 34th Ave., S. (6)
Phone: PA 9-2826
116. Goodin Co.
525 N. 3rd St. (1)
117. Goodrich Industrial Prod-
ucts Co., B. F.
800 Turners Crossroad, S.
(16)
Phone: LI 5-2507
118. Gopher Drill & Tool Co. Inc.
1102 W. Lake St. (8)
Phone: TA 4-8898
119. Granquist Co., Milton
2431 E. Franklin
Phone: FE 9-5678
120. Graybar Electric Co. Inc.
824 S. 4th St. (15)
121. Grimstad Co., J. M.
2943 Noble Ave., N. (22)
Phone: JU 8-3271
122. Gute Co., The
Foshay Tower, Room 2808
(2)
Phone: FE 6-2151
123. Halco Tool & Engrg. Co.
5018 Xerxes Ave., S. (10)
124. Hammond Co., Walter R.
1419 Washington Ave., S.
(4)
Phone: FE 9-8945
125. Handling Equip. Co.
704 Portland Ave. (15)
Phone: FE 8-9765
126. Hanson, N. C.
8130 Upton Ave., S.
Phone: TU 1-4965
127. Harnischfeger Corp.
2614 Nicollet Ave. (8)
Phone: TA 7-3677
128. Harris Co., H. R.
907 13th Ave. (4)
Phone: FE 6-4328
129. Harris Machinery Co.
501-531 30th Ave.
Phone: FE 9-6363
130. Hartfel Co., W. F.
6106 Excelsior Blvd. (16)
Phone: WE 9-1631

131. Hewitt-Robins
533 Metropolitan Bldg. (1)
Phone: FE 3-8014
132. Hill Co., Fred B.
6110 Excelsior Blvd.
Phone: WE 9-8727
133. Hobart Welders Sales &
Service
106 Glenwood Ave. (3)
134. Howe Co., J. M.
1645 Hennepin Ave.
Phone: LI 4684
135. Howell Electric Motors Co.
6301 W. Lake St. (16)
Phone: WE 9-7233
136. Hume, A. A.
135 W. Rustic Lodge Ave.
Phone: TA 2-8791
137. Hydraulic Packing Co.
2114 4th Ave., S. (4)
Phone: FE 5-7909
138. I-T-E
Nicollet Exchange Bldg.
2025 Nicollet Ave. (4)
Phone: FE 9-8796
139. Industrial Arts Supply
3021 Knox Ave., S.
140. Industrial Chemical &
Equip.
205 S. 11th Ave. (15)
Phone: FE 9-4609
141. Industrial Supply Co. Inc.
1100 3rd Ave., S.
Phone: FE 9-8111
142. Ingersoll-Rand Co.
2020 Snelling Ave. (4)
Phone: FE 9-7005
143. Interstate GM Diesel Inc.
1313 S. Clover Dr. (20)
Phone: UN 6-8771
144. Jarnberg Design & Mfg. Co.
128 S. 9th St.
Phone: FE 5-7566
145. Johns-Manville Sales Corp.
3100 W. Lake St. (16)
146. Johnson & Son Inc., S. C.
650 25th Ave., SE. (14)
Phone: FE 9-0841
147. Johnson Electric, Wm. P.
915 Washington Ave., N.
148. Junger Steel & Supply Co.
3016 W. 50th St. (10)
149. Kelleher Co., Thomas E.
1214 S. 3rd St. (15)
Phone: FE 3-0322
150. Kennametal Inc.
6733 Humboldt Ave., S.
(23)
Phone: UN 9-0302
151. Kennedy Scales, E. P.
308 S. 3rd St. (15)
Phone: FE 5-8123
152. Kenny, R. E.
5009A Excelsior Blvd.
Phone: WA 6-6000
153. Klass Co.
814 S. 9th St. (4)
154. Kresco & Assoc.
3435 E. 24th St. (6)
Phone: PA 4-8800
155. Kreutziger, O. R.
6524 Walker St. (16)
Phone: P. O. Box 8332
156. Krezowski, A. G.
3435 E. 25th St. (6)
Phone: PA 4-8800
157. Ladky Assoc. Inc., Frank W.
6524 W. Walker St.
Phone: WE 9-5161
158. Lagerquist & Sons, Gust
614 Bradford Ave., N. (11)
159. Lahr-Loe Co.
32 S. 10th St. (3)
Phone: FE 3-7541
160. Lakeland Engrg. Equip. Co.
116 3rd Ave., N. (1)
Phone: FE 8-7531
161. Larsen Co., Ray S.
5914 Portland Ave., S. (17)
Phone: UN 9-7774
162. Lenmark & Parker Inc.
6504 Walker St. (26)
Phone: WE 9-2631
163. Lewin-Mathes Co.
1015 3rd St., N. (1)
Phone: FE 9-7883
164. Lincoln Electric Co., The
511 13th Ave., S. (4)
Phone: FE 9-6363
165. Linde Co.
827 2nd Ave., S. (2)

MINNESOTA

MINNEAPOLIS (cont.)

166. Luxem, Carl K.
3434 E. Lake St. (6)
Phone: PA 3-6688
167. Machinery Exchange Market
254 1st Ave., N.
Phone: FE 6-6339
168. Machinery Sales Co.
5825 Columbus Ave., S.
(17)
Phone: TA 3-2483
169. Mallory & Co. Inc., P. R.
721 W. Lake St. (8)
Phone: TA 7-4636
170. Manufacturers Warehouse
1522-24 Hennepin Ave. (3)
Phone: FE 3-6521
171. Marshall, William H.
P. O. Box 5619, Nokomis
Station (17)
Phone: PA 4-7096
172. Martin Machine Tool Co.
2817 Hennepin Ave. (8)
Phone: TA 7-4703
173. May Co., George C.
3651 Cedar Ave.
Phone: PA 9-5847
174. McCoy Co., John L.
3029 Georgia Ave.
St. Louis Park
Phone: WE 9-6916
175. Metal Tools & Equip. Co.
1600 Washington Ave., N.
(11)
Phone: JA 2-3339
176. Micro Switch Div.
2753 4th Ave., S. (8)
Phone: FE 2-5225
177. Midwest Machine Tool Sup-
ply
2717 E. Franklin Ave. (6)
Phone: FE 6-1606
178. Mikelson Sales Co., J. O.
5044 Penn Ave. (19)
Phone: WA 6-0283
179. Miller Fluid Power Div.
2809 Foshay Tower
Phone: FE 5-0449
180. Milwaukee Electric Tool
Corp.
821 W. Lake St.
181. Minneapolis Oxygen Co.
1316 Olson Memorial Hwy.
(11)
182. Minn. Bearing Co.
1619 Hennepin Ave. (3)
183. Minn. Steel & Machinery Co.
207 6th St., NE. (40)
Phone: FE 9-4981
184. Minn. Supply Co.
706 Portland Ave. (15)
Phone: FE 6-4848
185. Minn. Welding Supply Co.
1728 Nicollet Ave.
Phone: LI 3293
186. Mobil Oil Co.
84 S. 6th St. (2)
Phone: FE 8-0661
187. Morse Chain Co.
5000 Normandale Rd.
Phone: WE 9-4991
188. Mueller Brass Co.
225 S. 5th St., Room 201
(2)
Phone: FE 5-0573
189. Mueller Co., Paul B.
1800 Plymouth Ave., N.
190. Mulcahy Co., Bernard J.
708 Portland Ave.
Phone: FE 6-7771
191. Mullen, Russ & Curtis
4921 Sunnyslope Rd.
Phone: WA 2-9777
192. Murphy Assoc.
1700 Hennepin Ave. (3)
Phone: FE 9-4851
193. Murphy, Maurice
5017 Richmond Dr.
194. Murphy, W. E.
1457 Woodlyn Ave.
Phone: FE 6-0812
195. Neff, Kohlbusch & Bissell
P. O. Box 5444, Lake St.
Station
Phone: TA 4-7797
196. Nelson & Son Inc.
324 N. 1st St. (1)
Phone: FE 3-1281

SALES OFFICES

MINNESOTA

MINNEAPOLIS (cont.)

197. Nelson Stud Welding Div.
6800 W. Lake St. (26)
Phone: WE 9-4595
198. Nelson Co., Wm. K.
807 13th Ave., S. (4)
Phone: FE 3-1215
199. New Departure Div., GMC
10908 Russell Ave., S. (20)
Phone: TU 8-2598
200. Norman Engrg. Co.
5054 Nakomis
Phone: PA 9-4283
201. Norman, Howard K.
7021 Bloomington Ave., S.
(23)
Phone: UN 9-4256
202. Nott Co., W. S.
201 N. 3rd St. (1)
Phone: FE 3-6501
203. Northern Machinery & Supply Co.
2001 Washington Ave., S.
Phone: FE 5-1125
204. Oakite Products Inc.
334 N. 1st St. (1)
Phone: FE 9-6482
205. O'Brien, G. G.
3029 Georgia Ave.
Phone: WE 9-6916
206. Oliver Machinery Co.
605 Sexton Bldg. (15)
Phone: FE 6-5700
207. Olson Sales Co., Inc.,
David T.
508-509 Foshay Tower (2)
Phone: FE 6-9379
208. Peterson Co., Fred
2431 Hennepin Ave.
Phone: FR 7-3025
209. Peterson Machinery Co.,
G. C.
117 Washington Ave., N.
(1)
Phone: FE 6-8609
210. Pheoll Mfg. Co.
1313 Chestnut St.
(1)
211. Pinkney & Hine
1925 Nicollet Ave. (3)
Phone: FE 8-0523
212. Plant Equip. Inc.
607 Sexton Bldg. (15)
Phone: FE 6-3122
213. Priest, Douglas E.
1972 Sheridan Ave., S.
Phone: FR 7-3750
214. Quality Machine Tool Sales
6311 Cedar Ave., S. (23)
Phone: UN 9-6009
215. Raymond Co., R. X.
4604 Chicago Ave. (7)
Phone: TA 7-2641
- 215A. Reliance Electric & Engrg.
Co.
1600 E. Franklin Ave.
Phone: FE 9-8531
216. Reliance Sales & Engrg. Co.
221 14th Ave., S. (4)
Phone: FE 3-2386
217. Rempfer & Assoc., E. E.
215 6th St., SE. (14)
Phone: FE 6-1020
218. Research & Engrg.
4240 Lake Rd. (2)
Robinsdale
219. Revere Copper & Brass Inc.
2809 Wayzata Blvd. (5)
Phone: FR 7-0890
220. Reynolds Metals Co.
127 Wesley Temple Bldg.
(3)
Phone: FE 9-4681
221. Richard-Douglas Inc.
901 N. 5th St. (1)
Phone: FE 5-3238
222. Ringer Equip. Co.
1606 N. Washington
P. O. Box 6157
Phone: JA 2-4459
223. Ritchie Engrg. Co.
2910 Lyndale Ave., S. (8)
Phone: TA 7-2517
224. Rogness Inc., H. U.
1419 11th Ave., S.
Phone: FE 3-5595
225. Rosing, Ken B.
57 Forest Dale Rd. (10)
226. Ruehl Machinery Co.
4505 Dunberry Lane (24)
Phone: WA 6-8404
227. Ryerson & Son Inc., Jos. T.
Upper Midwest Bldg.,
Room 1136 (1)
Phone: FE 3-2563
228. S & S Jobbing
905 N. 5th St.
Phone: FE 5-3228
229. SKF Industries Inc.
1228 7th St., S. (4)
Phone: FE 3-8271
230. Sandberg-Peterson Co.
6111 Excelsior Blvd. (16)
Phone: WE 9-6745
231. Satterlee Co., The
2300 E. Franklin Ave.
Phone: FE 3-5264
232. Schroeder Co., John
6520 James Ave., S. (23)
Phone: UN 9-4520
233. Service Tool & Engrg. Co.
Inc.
521 S. 7th St. (15)
Phone: FE 9-8611
234. Sinclair Refining Co.
P. O. Box 450 (18)
235. Skarnes Engrg. & Supply
Inc.
2907 E. Franklin Ave. (6)
Phone: FE 9-2719
236. SKIL Corp.
4023 E. Lake St. (6)
Phone: PA 9-7325
237. Smico Sales Co.
4501 Browndale Ave. (24)
Phone: WA 6-9975
238. Snap-on Tools Corp.
6418 W. Lake St. (26)
Phone: WE 9-7841
239. Standard Oil Co.
2800 Wayzata Blvd. (5)
Phone: FR 4-4312
240. Stermm Inc., R. Edward
123 S. 3rd St. (1)
Phone: FE 5-7172
241. Sterling Electric
44 S. 12th
Phone: FE 2-4571
242. Sterling Electric Motors Inc.
215 6th St., SE. (14)
Phone: FE 6-2828
243. Stone Co., Charles W.
1914 LaSalle Ave., S.
Phone: FE 3-0811
244. Sullivan, W. E.
210 S. 5th St. (2)
Phone: FE 5-0512
245. Sunnen Products Co.
5201 Gorgas Ave. (24)
Phone: FE 3-5307
246. Superior Electronics Service Co.
3810 Chicago Ave.
Phone: WA 2-3141
247. Swenson, Ben
1438 Nicollet Ave.
Phone: FE 1-2269
248. Syntron Minneapolis Sales Co.
2514 University Ave., SE.
(14)
Phone: FE 1-2269
249. Teorey, Donald
4622 Casco Ave.
Phone: WA 2-3141
250. Texaco Inc.
1730 Clifton Pl.
Phone: FE 2-8486
251. Thompson Electric
5609 Chicago
Phone: TA 7-1783
252. Thompson-Hayward Chemical Co.
909 2nd St., S. (15)
Phone: FE 3-5394
253. Thompson, L. F.
5917 Halifax Ave., S. (24)
Phone: WA 2-3224
254. Tool Crib Inc., The
3631 Wooddale Ave.
Phone: WE 8-6787
255. Tool Engrg. & Supply Co.
3016 W. 50th St.
Phone: WA 7-9111
256. Tool Supply Co.
2518 University Ave., SE.
(14)
Phone: FR 1-1321
257. Twin City Sales
1600 Broadway, NE.
Phone: ST 9-7221

MINNEAPOLIS (cont.)

258. U. S. Gauge Div.
411 S. Cedar Lake Rd. (5)
Phone: FR 7-0750
259. U. S. Gypsum Co.
5050 France Ave.
Phone: WA 7-9911
260. Van Bergen & Markson
3381 Gorham Ave. (26)
Phone: WE 9-4626
261. Velle Sales Inc.
6480 Wayzata Blvd. (26)
Phone: LI 5-3558
62. Vincent Brass & Aluminum Co.
124 12th Ave., S. (15)
Phone: FE 9-7061
263. Volco Co.
831 S. 6th St. (4)
Phone: FE 6-3373
264. Wiles Stripit Inc.
210 S. 5th St.
Phone: FE 6-7404
265. Wallinder, A. L.
5825 Columbus Ave., S.
(17)
Phone: TA 3-2483
266. Warner Co., A. J.
5022 29th Ave., S. (17)
Phone: PA 9-7371
267. Warner Hardware Co.
1423 Hennepin Ave. (3)
Phone: FE 3-4111
268. Warner & Swasey Co., The
3424 E. Lake St. (6)
Phone: PA 4-4050
269. Webb Co., Jervis B.
210 S. 5th St. (2)
Phone: FE 5-3730
270. Whiting Corp.
5009A Excelsior Blvd. (16)
Phone: WA 7-7800
271. Williams Hardware Co.
100-112 2nd Ave., N. (1)
P. O. Box 540
Phone: FE 3-6261
272. Yale Engineers Inc.
3012 Clinton Ave., S. (8)
Phone: TA 4-0781
273. Zeco Co., The
2929 University Ave., SE.
Phone: FE 1-7971

MOUND

274. Baltuff, Irving
Route 1
Phone: GR 2-3036

NORTHFIELD

275. Northfield Foundry & Machine Co.
Phone: NI 5-5641

RICHFIELD

276. Hildebrandt, H. P.
7239 16th Ave., S. (23)
Phone: RO 6-7935

ST. CLOUD

277. Granite City Tool Co.
278. Practical Automation Co.
1132 23rd Ave., N.

ST. JAMES

279. Hannon, J. J.
606 2nd Ave., S.
Phone: 23
280. Scherr-Tumico Co.
281. Tubular Micrometer Co.
Phone: 5

ST. LOUIS PARK

282. O'Brien, Gene
3029 Georgia

ST. PAUL

283. Air Power Equip. Corp.
2631 University Ave. (14)
Phone: MI 5-5831
284. Anderson Machine Tool Co.
2631 University Ave. (14)
Phone: MI 5-5831
285. Bathke Co., F. H.
529 N. Cleveland Ave. (14)
Phone: MI 6-4591
286. Bethlehem Steel Co.
First National Bank Bldg.
335 Robert St. (1)
Phone: CA 4-4391
287. Brandt Inc., George C.
739 Pillsbury Ave. (14)
Phone: MI 6-1339

288. Bridgeport Brass Co.
2147 University Ave. (14)
Phone: MI 5-3909
289. Continental Safety Equip. Inc.
1551 Selby Ave. (4)
290. Duncan Co.
127 E. 9th St. (1)
291. Edison Lighting
825 University
292. Empire Tool Sales Co.
1961 Dieter St. (9)
Phone: SP 7-5369
293. Erakine Co., Walter H.
2371 Chilcome Ave. (8)
P. O. Box 3164
Phone: MI 4-7992
294. Fairbanks, Morse & Co.
220 E. 5th St. (1)
Phone: CA 4-7603
295. Farwell, Ozmun, Kirk & Co.
160 E. Kellogg Blvd. (1)
Phone: CA 2-5072
296. Forcey Machine Tool Sales
445 Endicott Bldg. on 4th St. (1)
Phone: CA 2-1600
297. Gardner-Denver Co.
1567 1/2 Selby (4)
Phone: MI 6-8329
298. General Trading Co.
475 N. Prior Ave. (4W)
Phone: MI 5-6681
299. Girard Steel Supply Co. Inc.
889 Vandalia St. (14)
Phone: MI 6-8635
300. Gobell Co. Inc., C. E.
2635 University Ave.
Phone: MI 6-2887
301. Gupta, Charles W.
1694 Grand Ave.
Phone: MI 9-3995
302. Gustafson Co., A. A.
161 Griggs-Midway Bldg.
Fairview at University (4)
Phone: MI 4-7630
303. Haldeman-Homme Inc.
2580 University Ave. (14)
304. Hartman Co., W. G.
E-723 First National Bank Bldg (1)
Phone: CA 2-1422
305. Inland Steel Co.
332 Minnesota St. (1)
Phone: CA 7-6641
306. Kelleher Co., Thomas E.
P. O. Box 4005 (16)
Phone: FE 3-0322
307. Kemp-Manning Sales Co.
2295 University Ave.
Phone: MI 5-4637
308. Lundbeck Co., R. A.
1900 University Ave. (4)
Phone: MI 6-4523
309. Maynard's
305 University Ave. (2)
310. McGee Engrg. Co.
2016 N. Herschell (13)
Phone: MI 4-2767
311. Minn. Bearing Co.
487 E. 6th St.
Phone: CA 2-4744
312. Minn. Cem-Steel Co.
540 Prior Ave., N. (4)
Phone: MI 5-3569
313. Minn. Marine Inc.
1790 University Ave.
314. Miller, W. R.
792 Sherwood Ave.
Phone: FR 6-5638
315. Newton Inc., L. C.
2295 University Ave. (4)
Phone: MI 5-4637
316. North Amer. Viking Drill Co.
470 Kittson St. (1)
Phone: CA 4-9428
317. Northern Products Co.
653 E. 5th St.
318. Northwestern Power Equip. Co.
2295 University Ave.
Phone: MI 6-9675
319. Oakite Products Inc.
614 Olive St. (1)
Phone: CA 4-1381
320. Olson, A. E.
1254 Jessie St.
Phone: FR 1-2736
321. Paper Calmenson & Co.

SALES OFFICES

ST. PAUL (cont.)

322. Peterson Co., H. R.
412 N. Prior Ave. (4W)
Phone: MI 6-4329
323. Potter, Weston M.
1959 Sargent Ave. (5)
Phone: MI 8-6312
324. Public Works Equip. Co. Inc.
786 University Ave. (4)
Phone: CA 7-6385
325. Republic Steel Corp.
First National Bank Bldg.
(1)
Phone: CA 7-6531
326. St. Paul Stamp Works
65 E. 5th St. (1)
327. Sales Service Machine Tool
Co.
2363 University Ave.
Phone: MI 6-8663
328. Saunders, John R.
2166 Grand Ave. (5)
Phone: MI 9-3396
329. Schneider, H. A.
1032 Goodrich Ave.
Phone: CA 5-6204
330. Schulz Co. Inc., W. H.
2438 Franklin Ave. (14)
Phone: MI 6-4814
331. Stockwell Equip. Co.
1459 Roblyn Ave. (4)
332. U. S. Steel Corp.
W-1352 First National
Bank Bldg.
334 Minnesota St. (1)
333. Vander Voort, C. F.
1279 Osage St. (17)
Phone: HU 9-5222
334. Warren Co., Lyman D.
1821 University Ave.
Phone: MI 6-2705
335. Welding Supply & Specialty
Co.
557 Stinson St. (17)
Phone: HU 9-9441
336. West Chemical Products Inc.
678 N. Snelling Ave. (4)
337. Whitacre & Co. Inc., R. B.
205 S. Roberts St. (1)
Phone: CA 4-5755
338. Wilson Enterprises Inc.
393 N. Prior Ave. (4)
Phone: PR 469
339. Wyllie Co., Robert J.
520 Pioneer Bldg.
Phone: CA 4-2309

SAUK CENTRE

340. Galbraith, V. T.
Box 231
Phone: EL 2-2510

SAVAGE

341. Dimston Div.
1300 Woodhill Rd.
Phone: TU 8-4204

SOUTH MINNEAPOLIS

342. Tool Engineer & Supply Co.
Inc.
3016 W. 50th St. (10)

WAYZATA

343. Arneson & Co., G. E.
1407 Holdridge Lane
Phone: GR 3-8764
344. Hydra-Powr Engrg.
17525 LaSalle St.
Phone: GR 3-9584

WHITE BEAR LAKE

345. Kravik Co., O. A.
124 Cedar St.
Phone: GA 6-3786

MISSISSIPPI

BILOXI

1. Kennedy Marine Engine Co.
P. O. Box 915

COLUMBUS

2. Columbus Tool & Supply Co.
P. O. Box 584
Phone: FA 8-1477

CORINTH

3. Corinth Machinery Co.
Phone: 3321

GREENVILLE

4. Friedman Parts Co.
Hwy. 82
P. O. Box 504
Phone: KD 2-5416
5. Marine Welding & Repair
Works
P. O. Box 272
6. V & G Welding Supply Co.
P. O. Box 5392

GULFPORT

7. General Electric Co.
207 Jo-Fran Bldg.

HATTIESBURG

8. Failing Co., George E.
510 Bouie
9. Gulf Welding Equip. Co.
P. O. Box 789
10. Komp Equip. Co. Ltd.
111 E. Pine St.
P. O. Box 1110
Phone: JU 3-1191

JACKSON

11. Andries Inc.
317 W. Rankin St.
P. O. Box 2594
12. Coate Equip. Co. Inc.
100 Vardeman
Phone: 3-9377
13. Clowe & Co., H. W.
P. O. Box 38 (5)
14. Dilworth of Miss. Inc.
205 W. Rankin St.
Phone: FL 2-7672
15. Dover Elevator Co.
P. O. Box 2089
16. General Electric Co.
203 W. Capitol St. (1)
17. Gregory-Salisbury & Co.
420 S. West St.
Phone: FL 5-8305
18. Harper Foundry & Machine
Co.
105 E. Rankin St. (5)
P. O. Box 992
Phone: FL 3-8391
19. Industry Services Inc.
P. O. Box 2405 W. Jackson
Station
Phone: FL 4-4581
20. Jervis-Webb Co.
P. O. Box 4607 (6)
Phone: EM 6-2547
21. Lovelace, Arthur
P. O. Box 6654 (4)
22. Miss. Bearings Inc.
843 S. State St. (2)
P. O. Box 506
Phone: FL 4-4616
23. Miss. Foundry & Machine
Co. Inc.
300 W. South St.
24. Miss. Valley Gas Co.
P. O. Box 2447
25. Noland Co. Inc.
26. Oakite Products Inc.
114 E. Rankin St.
P. O. Box 8448
Phone: FL 4-2711
27. O'Neal Steel Inc.
P. O. Box 3273 WJS (7)
28. Production Equip. & Supply
Co.
330 N. Mart Plaza (6)
P. O. Box 9641
Phone: EM 2-1684
29. SKF Industries Inc.
Standard Life Bldg., Room
805
Phone: FL 5-1451
30. Sinclair Refining Co.
P. O. Box 2090
31. Standard Oil Co.
Phone: FL 5-4781
32. Stewart-Ramey Co.
330 E. Rankin
P. O. Box 8487
Phone: FL 5-3441
33. Stout Inc., Curtis H.
706 Electric Bldg.
Phone: JA 4-4326
34. Todd, W. A.
514 Court St. (5)
Phone: FL 3-3665

35. Vandemark, Fred J.

- 1111 Florence St.
Phone: FL 3-5297
36. Van Horn Co. Inc., Oliver H.
451 N. Gallatin St. (3)
P. O. Box 1195
Phone: FI 4-4321

LAUREL

37. Mobile Elevator Co. Inc.
Pinehurst Hotel

MERIDIAN

38. General Box Co.
P. O. Box 1391
Phone: ME 8126
39. Soule's Steam Feed Works

NATCHEZ

40. Peerless Supply Co. Inc.
206 State St.
Phone: 1-1389
41. Weeks Supply Co.
109 S. Broadway

NEW ALBANY

42. Mallory & Co. Inc., P. R.
Route 3
Phone: NE 5549

VICKSBURG

43. O'Neill-McNamara Hard-
ware Co.
709 Clay St.

WEST JACKSON

44. Dilworth Co., J. E.
1019 Wholesale Row
P. O. Box 3161
Phone: 4-7673
45. Neely Blue Print & Supply
Co.
220 W. Pearl St.
Phone: FL 4-3523

MISSOURI

BONNE TERRE

1. Bonne Terre Farming &
Cattle Co.
Lock Box #352

BRIDGETON

2. Flexible Tubing Corp.
3913 Bondurante

CARTHAGE

3. Carthage Industrial Supply
431 Oak St.
P. O. Box 606
Phone: FL 8-5022
4. Reynolds Hardware Co.
Phone: FL 4-4685

CARUTHERSVILLE

5. Berry Welders Supply Co.
142 W. 3rd St.

CLAYTON

6. Broadwell & Assoc.,
James F.
7810 Forsyth - Room 205
(5)
Phone: PA 5-8700
7. Custom Industrials Co.
128 N. Gay Ave. (24)
Phone: PA 6-2110
8. Dow-Corning Corp.
7730 Carondelet Ave.
(5)
Phone: VO 3-6180
9. Harnischfeger Corp.
101 S. Meramec Ave. (5)
Phone: VO 3-3610
10. Hicks & Co., C. D.
34 N. Brentwood Blvd.
(5)
11. Inland Assoc.
25 S. Berniston Ave.
12. Jones & Laughlin Steel
Corp.
111 S. Berniston (5)
Suite G11
Phone: PA 1-2008
13. Sinclair Refining Co.
520 Meramec Bldg.
111 S. Meramec Ave. (5)
14. Wachtler Inc., D. A.
8860 Ladue Rd. (24)
Phone: PA 6-5121

MISSOURI

15. Wales Stripit Inc.
34 N. Brentwood Blvd.
(5)
Phone: PA 5-2505

CREVE COEUR

16. Hunnicke, G. A., Sales Rep.
18 Media Dr. (41)
Phone: HE 2-6825
17. Sutter, C. Rowe
3 Windrush Lane
Phone: HE 2-8428

FERGUSON

18. Dahl Equip. Co., O. F.
101 S. Barat Ave.
Phone: JA 2-3414

FLORISSANT

19. Airetool Mfg. Co., The
1060 Ozment Dr.
Phone: TE 7-0093
20. Wood, Oren D.
124 Elm Dale Ct.
Phone: OL 2-7939

GRANDVIEW

21. Cox, R. T.
13701 Botts Rd.
Phone: SO 1-0761

GREENSBORO

22. Jeffreys Engrg. & Equip.
Co.
P. O. Box 3443 (3)
Phone: BR 4-6364

HANNIBAL

23. Mark Twain Supply Co.
9th & Lyon Sts.
Phone: 3860

HAZELWOOD

24. Gardner-Denver Co.
6011 Lindbergh Blvd.
Phone: PE 1-2220, 21-22

HICKMAN MILLS

25. Fall Co., C. B.
11201 Longview Rd. (34)
Phone: SO 1-6545

INDEPENDENCE

26. Sine, N. J.
2815 Collin St.
Phone: BA 1-5485

JENNINGS

27. Carbide Engrg. Service
40 La Mar Dr. (21)

JOPLIN

28. General Electric Co.
P. O. Box 953
220 1/2 W. 4th St.
29. Industrial Equip. Co.
4th & Porter Sts.
Phone: MA 4-1400
30. Joplin Supply Co.
3rd & Joplin Sts.
P. O. Box 911
Phone: MA 4-2425
31. Oakite Products Inc.
2620 Utica
Phone: MA 3-4061
32. Scott Supply Co. Inc.
5th Ave. at Wall
Phone: MA 4-0808
33. Sebastian Diesel Equip.
1801-1805 Joplin St.
P. O. Box 258
Phone: MA 3-3500
34. Watts Paint Store
303 Main St.

KANSAS CITY

35. Acme Welding Supply Co.
2550 Warwick Trafficway
(8)
36. Air Equip. Co.
2401 Troost St. (8)
Phone: HA 1-7515
37. Akin Engrg. Co., Ellis
2334 Cherry (10)
Phone: WE 9189
38. Allegheny Ludlum Steel
Corp.
P. O. Box 7133 (13)
Phone: CO 2-5679

SALES OFFICES

MISSOURI

KANSAS CITY (cont.)

39. Allen Marking Products Inc.
804-806 Delaware St. (5)
40. Allied Transmission Equip. Co.
2057 Holmes (9)
Phone: GR 1-5506
41. Allis-Chalmers
1734 Main St. (8)
Phone: VI 2-0132
42. Allis Co., The Louis
121 W. 63rd St. (13)
Phone: JA 3-3267
43. Aluminum Co. of Amer.
2300 Power & Light Bldg. (5)
44. Amer. Brass Co., The
160 W. 14th St. (5)
Phone: VI 2-7388
45. Amer. Engrg. & Supply Co.
Suite 510, Porter Bldg.
Broadway at 34th St. (11)
Phone: JE 5236 or 5237
46. Anderson-Priest Elevator Co.
1316 McGee St. (6)
47. Associated Bearings Co.
2918 McGee Trafficway (8)
Phone: VA 1-5393
48. Aviation Service & Supply Co.
1305 Union Ave. (1)
Phone: BA 1-0017
49. B-C Control Co.
2009 Baltimore Ave.
Phone: GR 1-6557
50. Baker, Boyd
5337 Wayne St. (10)
Phone: HI 4-2076
51. Baker Fluid Power Inc.
3323 Summit St.
Phone: LO 1-2874
52. Bearing Distributors Inc.
1919 Baltimore St. (8)
Box 365
Phone: GR 1-0666
53. Bellows-Valvair
2112 Grand Ave. (8)
Phone: BA 1-4592
54. Black & Decker
2705 McGee Trafficway (8)
Phone: HA 1-1493
55. Blackman & Nuetzel Machine Co.
1103 E. Armour St.
56. Bohn, Jr., H. H.
644 W. 69th St. (13)
Phone: HI 4-0993
57. Bossert Co.
1701 Main St.
Phone: BA 1-9033
58. Boutros, Oliver L.
P. O. Box 9345
12511 E. 67th St. (33)
59. Bowen, Paul R.
410 W. 40th Terrace (11)
Phone: VA 1-1772
60. Brandwine Equip. Co.
4638 Nichols Parkwy (12)
Phone: LO 1-1665
61. Bridgeport Brass Co.
4638 J. C. Nichols Parkwy. (12)
Phone: LO 1-7830
62. Brown Co., K. C.
4010 Washington St. (11)
63. Buettner Corp., C. M.
2700 W. 63rd St.
Phone: EN 2-6855
64. Bunting Brass & Bronze Co.
407 E. 18th St. (8)
Phone: VI 2-9219
65. Bunting Hardware Co.
816 Walnut
66. Carolan Inc., W. C.
612 W. 47th St.
Phone: JE 1-5505
67. Carrier Corp.
1732 Main St. (8)
Phone: VI 2-4622
68. Century Electric Co.
Room 220, Plaza Theatre Bldg.
208 Nichols Rd. (12)
Phone: VA 1-4161

69. Chain Belt Co.
406 W. 34th St. (11)
Phone: JE 1-1505
70. Chapman Knives & Saws
2639 E. 11th St.
71. Chase Brass & Copper Co.
1710 Washington St. (8)
Phone: VI 2-1710
72. Chicago Apparatus Co.
1827 McGee St. (8)
73. Chicago Rawhide Mfg. Co.
Room 401, Congress Bldg. (11)
Phone: JE 1-1809
74. Clancey Co.
Congress Bldg.
3527 Broadway (11)
Phone: WE 1-3090
75. Cleco Air Tools
7103 Truman Rd. (26)
Phone: HU 3-3700
76. Clem Co., Edward E.
4921 Bell St. (12)
Phone: LO 1-7747
77. Continental Oil Co.
6183 Paseo (10)
Phone: EM 1-3777
78. Cook Co., George T.
304 Midland Blvd. (5)
Phone: VI 2-9678
79. Curfman Co., H. M.
20 W. 9th St. Bldg. (5)
Phone: HA 1-2768
80. Cutler-Hammer Inc.
4550 Main St. (11)
Phone: WE 1-2787
81. Davies Supply & Mfg. Co.
814 W. 17th St.
Phone: BA 1-2128
82. Detrex Chemical Industrial
1015 Walnut St.
Phone: VI 2-6740
83. DeVilbiss Co., The
1016 Baltimore Bldg., Room 322 (5)
Phone: HA 1-2525
84. Die Makers Supply Co.
7101 Truman Rd.
Phone: HU 3-5300
85. Dietzgen Co., Eugene
1105 E. 81st St. (8)
Phone: EM 3-1350
86. Dishman Assoc.
4922 Wornall Rd. (12)
Phone: JE 1-4667
87. DoALL Mountain States Co.
2029 Holmes St. (8)
Phone: HA 1-5857
88. Donahower & Assoc., J. W.
620 W. 26th St. (8)
Phone: BA 1-3864
89. Douglas, Robert H.
8162 Bellevue St. (14)
Phone: DE 3-4291
90. Ebert Co., The Earl H.
3016-18 McGee Trafficway (8)
Phone: JE 1-3651
91. Edwards Inc., Allan
1519 Cherry St.
Phone: HA 1-1404
92. Elevator Sales & Service Inc.
2510 Truman Rd. (27)
93. Elgin National Watch Co.
Box 7998 (29)
Phone: FL 3-2588
94. Ellfeldt Co., Fred. A.
1737 Main St. (8)
Phone: GR 1-0040
95. Ellfeldt Machinery & Supply Co.
1801 McGee St. (6)
Phone: VI 2-5494
96. English Brothers Machinery Co.
410-418 W. 5th St. (5)
Phone: VI 2-5575
97. Ernst-Eichman Machinery Corp.
1701 Locust St. (8)
Phone: VI 2-1334
98. Ernst Machinery Co.
1606 Oak St. (8)
99. Faeth Co., The
1608-14 McGee St. (8)
Phone: VI 2-4943
100. Fafnir Bearing Co., The
2910 Oak St. (8)
Phone: WE 1-5154
101. Fairbanks, Morse & Co.
2500 W. Pennway (8)
Phone: VI 2-6474

KANSAS CITY (cont.)

102. Fellfelt Machinery & Supply Co.
1801 McGee St. (6)
103. Fithian Co., W. R.
5016 McGee Trafficway
Phone: WE 1-2123
104. Fleming & Co.
3021 Main St. (8)
Phone: PL 3-0111-0112
105. Forristal Young Sales
4057 Broadway
Phone: VA 1-5330
106. Forslund Pump & Machinery Corp.
1717-19 Main St. (8)
107. Fruetel, Sheldon
5001 Tomahawk Rd.
108. Fry & Co. Inc., W. E.
406 W. 34th Ave. (11)
Phone: JE 1-5236
109. Fuchs Machinery & Supply Co.
1823 Walnut St.
Phone: VI 2-3558
110. Gardner-Denver Co.
309 W. 79th Terrace (14)
Phone: DE 3-3233
111. Gas Service Co.
700 Scarritt Bldg.
112. General Box Co.
1600 W. 8th St. (1)
Phone: VI 2-5560
113. General Controls Co.
2904 Oak St. (8)
Phone: JE 1-2400
114. General Electric Co.
106 W. 14th St. (5)
115. Gilbert Co., Jack M.
131 E. 70th St. (13)
Phone: DE 3-8839
116. Glasco Electric Co.
919 E. 19th St.
Phone: HA 1-5818
117. Goodhart & Assoc., Boyd
2201 Grand Ave. (8)
Phone: BA 1-9838
118. Graybar Electric Co. Inc.
1655 Baltimore Ave. (8)
119. Haman Machinery & Supply Inc.
1823 Walnut St. (8)
Phone: VI 2-3558
120. Harris-Hanson Co.
7016 Paseo Ave.
Phone: HI 4-9494
121. Harris, Jr., Jim M.
929 Jefferson St.
Apt. 108
Phone: GR 1-2929
122. Heath, W. R.
647 W. 39th St. (11)
Phone: LO 1-5156
123. Heubel Material Handling Equip. Co.
4125 Pennsylvania Ave. (11)
Phone: LO 1-2550 and 2551
124. Hewitt-Robins
312 VFW Bldg.,
406 W. 34th St. (11)
Phone: JE 1-3548
125. Hoener, Fred H.
P. O. Box 8852
Phone: EN 2-2630
126. Hoey-Luce Machine Tool Co.
1818 Main St. (8)
Phone: HA 1-9906
127. Hohenschild Welders Supply Co.
1331 Cherry St. (8)
Phone: GR 1-1962
128. Holtan, Arnold G.
6211 Oak St.
Phone: JA 3-4888
129. Houghton & Co., E. F.
P. O. Box 7067, Country Club Sta.
Phone: EN 2-3206
130. Hughes Machinery Co.
4212 Main St.
Phone: VA 1-7021
131. Hutcheson & Assoc., L. O.
P. O. Box 9769 (34)
Phone: BE 1-9979
133. I-T-E
4733 Bellevue St. (12)
Phone: LO 1-7856
133. Industrial Bearings & Transmission Co.
2450 Broadway (8)
Phone: VI 2-4486
134. Ingersoll-Rand Co.
1012 Baltimore Ave. (5)
Phone: VI 2-9325-6
135. Ives, Glade
1421 McGee St. (6)
Phone: GR 1-1749
136. Johnson Bronze Co.
304 E. 17th St. (8)
Phone: VI 2-5055
137. Johnson & Son Inc., S. C.
1233-39 Burlington Rd. (16)
Phone: GR 1-4722
138. Johnson Tool & Supply Co.
708 E. 19th St.
Phone: VI 2-3734
139. Kaiser Aluminum & Chemical Sales Inc.
3101 Broadway (11)
Phone: VA 1-3720
140. Kane, Alva
3541 Troost (9)
Phone: WE 1-9400
141. Kansas City Rubber Co.
1604 Grand Ave.
142. Kennametal Inc.
P. O. Box 1061 (41)
Phone: VA 1-7134
143. Keystone Machinery Co.
1533 Locust St. (8)
Phone: VI 0505
144. Kirk-Wiklund & Co.
2700 McGee Trafficway (8)
Phone: BA 1-1700
145. Kornfeld-Thorp Electric Co.
2700 McGee Trafficway (8)
146. Koslowsky Co., Chas. H.
Suite 828-29 V.F.W. Bldg.
406 W. 34th St.
Phone: WE 5858
147. Kramer, John F.
950 Dierks Bldg. (6)
Phone: HA 1-2113
148. Langdon Supply Co.
1317-19 Union Ave. (1)
Phone: VI 2-6245
149. Langley's Craft Center
4740 Pennsylvania Ave.
150. Leary Cutting Tool Co.
P. O. Box 9256 (15)
Phone: EN 2-3040
151. Leaver Co., C. O.
111 E. Gregory Blvd. (14)
Phone: JA 3-2906
152. Leeds & Northrup Co.
7035-A1 State Line Rd. (14)
Phone: JA 3-8199
153. Lee-Mark Assoc. Inc.
P. O. Box 8467 (14)
154. Lee Mathews Machinery & Rental Co.
308-318 Broadway (5)
Phone: BA 1-0630
155. Lift Truck Sales & Service Inc.
1941 Central St. (8)
Phone: VI 2-6966
156. Lincoln Electric Co., The
3055 Southwest Blvd. (8)
Phone: JE 1-9584
157. Linde Co.
910 Baltimore Ave.
158. Logan Co.
P. O. Box 6019
1102 E. 47th St. (10)
Phone: VA 1-7621
159. Lord Mfg. Co.
406 W. 34th St.-Room 411 (11)
Phone: WE 1-0138
160. Luce Industrial Supply Co.
1818 Main St. (8)
Phone: BA 1-9906
161. Lynn-Elliott Co.
832 Law Bldg.
Phone: VI 2-4197
162. MacDonald & Co., B. C.
2201-05 Grand Ave. (8)
Phone: BA 1-3434
163. Mallory & Co. Inc., P. R.
1110 W. 77th Terrace
Phone: EM 1-4975
164. Manning, Thos. J.
647 W. 39th St.
Phone: VA 1-2044

SALES OFFICES

KANSAS CITY (cont.)

165. Marathon Electric Mfg. Corp.
VFW Bldg., Room 315
406 W. 34th St. (11)
Phone: VA 1-0100
166. Marlin-Rockwell Corp.
3250 Roanoke Rd. (11)
Phone: WE 1-3244
167. Marsh Steel & Aluminum Co.
101 E. 9th St. (16)
Phone: GR 1-3505
168. Marshall Tool & Cutter
522 S. Cedar (22)
Phone: CL 3846
169. Matney & Hanna Co.
11 E. Gregory Blvd. (14)
Phone: EM 3-1771
170. Maurey Mfg. Corp.
1728 Walnut (6)
Phone: BA 1-3330
171. McCaffrey, E. J.
2201 Grand Ave. (8)
Phone: VI 2-4840
172. McCreary & Son, B. L.
1819 Central St. (8)
Phone: HA 1-1668
173. MacDonald Mfg. Co., A. Y.
1410 Union Ave. (1)
2295 Grand Ave.
Phone: HA 1-6624
174. Midwesco
838-40 Law Bldg. (6)
Phone: HA 1-1119
175. Midwestern Sales Co.
838 Law Bldg.
1207 Grand Ave.
Phone: HA 1-1119
176. Miller Fluid Power Div.
1015 Walnut St.
Phone: VA 1-7475
177. Mo. Solvents & Chemicals
2522 Nicholson Ave. (20)
178. Mobil Oil Co.
925 Grand Ave. (42)
Phone: BA 1-5300
179. Moehlenpach Engrg. Inc.
4550 Main St., Room 205
(11)
Phone: JE 1-5213
180. MonMac Builders Inc.
6308 Troost Ave. (10)
181. Monsees, L. H.
Box 7715 (22)
Phone: CL 8520
182. Mooney Engrg. Co. Inc.
5045 Prospect Ave. (30)
Phone: WA 3-5158
183. Morris Sales, Add.
P. O. Box #9085 (18)
Phone: SH 1-3000
184. Morse Chain Co.
213B - 75th St. (14)
Phone: JA 3-2884
185. Mueller Brass Co.
P. O. Box 6847, Parkway
Sta.
4344 Clary Blvd. (30)
Phone: WA 3-5785-86
186. Nagelvoort, Ted
306 E. Winthrop Rd. (3)
Phone: EM 1-1125
187. National Screw & Mfg. Co.,
The
2801 Grand Ave. (8)
Phone: VI 2-8055
188. Nelson Stud Welding Div.
3055 S. W. Boulevard
Phone: LO 1-0505
189. Nichols, Carroll
P. O. Box 7322
190. Noelling Steel Sales Corp.
1517 Cherry St. (8)
Phone: BA 1-0134
191. Nuetzel Machinery Co.
9140 E. 50th Hwy. (33)
Phone: FL 6-4300
192. Oakite Products Inc.
511 V.F.W. Bldg.
406 W. 34th St. (11)
Phone: WE 1-6619 & 6620
193. Parker & Foster Inc.
3519 Troost Ave. (9)
Phone: LO 1-9286
194. Patterson Co.
1511 Marsh Ave. (22)
Phone: CL 2-2911
195. Pensinger's
1809 Oak St. (8)
Phone: HA 1-1737
196. Porter-Cable Machine Co.,
The
1649 Jarboe St.
Phone: BA 1-2710
197. Reed-Prentice Div.
406 W. 34th Ave. (11)
Phone: WE 1-3640
198. Reeves-Wiedeman Co.
2711 Warwick Trafficway
(8)
199. Republic Steel Corp.
416 Fairfax Bldg. (5)
Phone: HA 1-1195
200. Resistoflex Corp.
9729 Manor Rd. (15)
Phone: NI 2-6813
201. Revere Copper & Brass Inc.
34th St. & Broadway (11)
Phone: LO 1-8403
202. Reynolds Metals Co.
4645 Bellevue Ave.
Phone: JE 1-3536
203. Richards & Conover Steel &
Supplies
Box 829 (10)
204. Richardson, L. C.
9501 Madison (14)
Phone: WI 2-1102
205. Robbins & Myers Inc.
Room 361, Union Station
(8)
Phone: HA 1-2577
206. Rosenstock, A. P.
401 E. 72nd Terrace (31)
Phone: JA 3-7939
207. Rotary Lift Co.
406 W. 34th St. (11)
Phone: JE 1-1381
208. Rush & Sons, Harvey D.
4636 Nichols Parkway. (12)
Phone: WE 1-2121 &
1-3802
209. Ryan, James M.
6424 Charlotte (13)
Phone: HI 4-4651
210. Ryerson & Son Inc., Jos. T.
Room 314, V.F.W. Bldg.
(11)
Phone: VA 1-1661
211. Scabill Co., E. T.
1817 Grand Ave.
Phone: VI 2-0037
212. Selaky Brothers Inc.
701 E. 63rd St. (13)
Phone: DE 3-5480
213. Schmelzinger Co., Dan
7634 Charlotte St. (31)
214. Scholler, Michael P.
8100 E. 92nd St. (38)
215. Schwerin Co., E. B.
4210 Main St. (11)
Phone: WE 1-7564
216. Shipping Utilities Inc.
1919 Truman Rd. (27)
217. Sinclair Refining Co.
906 Grand Ave.
Phone: BA 1-5600
218. Singleton Welding Supply
Co.
512 E. 18th St.
Phone: BA 1-8113
219. SKIL Corp.
2007 Broadway (8)
Phone: BA 1-1766
220. Snap-on Tools Corp.
4123 Pennsylvania Ave.
(11)
Phone: WE 1-0364
221. Solas Machinery Co.
1533 Locust St. (8)
P. O. Box 804 (41)
Phone: LO 1-8763
222. Sommers, Robert
P. O. Box 804 (41)
Phone: LO 1-8763
223. Sonken-Galamba Corp.
Riverview at 2nd St.
4110 E. 107th St. (34)
Phone: SU 1-7211
224. Stadler, Larry A.
4110 E. 107th St. (34)
Phone: SU 1-7211
225. Standard Oil Co.
114 E. Armour Blvd. (41)
Phone: LO 1-4140
226. Steel Sales & Equip.
1013 Truman Rd. (6)
Phone: VI 2-3457
227. Stephens Machinery Co.,
Robert R.
Suite 5, Barclay Bldg.
2619 Broadway
Phone: LO 1-2123

228. Stewart-Warner Alemite
Co.
2920 Grand Ave. (8)
229. Stowe Hardware &
Supply Co.
1312 W. 13th St. (1)
230. Sullivan-Mears Co., The
4010 Washington
Phone: WE 1-3021
231. Swihart, J. R.
9221 Cherokee Lane (15)
Phone: MI 9-8989
232. Syntroon Kansas City Sales
Co.
Phone: VI 2-8890
233. Tapp Co., J. F.
1518 Grand Ave. (8)
Phone: VI 2-6633
234. Taylor, R. W.
4533 Holly St.
Phone: VA 1-7047
235. Theurer, John
8125 E. 80th Terrace (33)
P. O. Box 7998
Phone: FL 3-2589
236. Thompson-Hayward
Chemical Co.
2915 Southwest Blvd. (8)
Phone: FI 2-6900
237. Thor Power Tool Co.
606 W. 17th St. (8)
Phone: VI 2-5122
238. Tompkins Co., The
1809 Oak St. (8)
Phone: DU 8-3658
239. Townley Metal & Hardware
Co.
800 Walnut St.
240. Union Carbide Plastics Co.
910 Baltimore Ave. (6)
Phone: BA 1-2400
241. U. S. Gypsum Co.
6308 Troost Ave.
Phone: JA 3-6831
242. U. S. Steel Corp.
2706 Power & Light Bldg.
104 W. 14th St. (5)
243. Van Keppel Co., The G. W.
2461 Pennway (8)
Phone: GR 1-1540
244. Wayne-Prince & Assoc.
1728 Walnut
Phone: BA 1-3330
245. Webb Belting & Supply Co.
1501 W. 12th St.
Phone: BA 1-3036
246. West Chemical Products
Inc.
2020 Walnut St. (8)
247. Western Chandelier
1421 Grand
248. Western Machinery &
Supply Co.
4102 Truman Rd. (27)
Phone: BE 1-6440
249. White, Thomas R.
1919 Baltimore Ave. (8)
Phone: BA 1-9696
250. Wilcox Co., Paul K.
30 W. 69th Terrace (13)
P. O. Box 7005
251. Wilshel Co.
3302 Wyoming Ave. (11)
Phone: WE 1-2444
252. Zopf Engrg. Co.
3261 Gillham Rd. (9)
Phone: WE 1-7772

KIRKWOOD

253. Baumann Co., O. A.
P. O. Box 3896 (22)
Phone: PA 6-6226
254. Decker, Robert F.
909 N. Kirkwood Rd. (22)
Phone: YO 5-7248
255. Martin Co., The Ray
210 Kirkwood Bank Bldg.
(22)
Phone: YO 6-4600
256. Pangborn Corp.
10406 Manchester Rd.
Phone: TA 2-0212
257. Summerhill Tubing Co. Div.
651 N. Clay Ave.
Phone: PA 5-1234
258. Waltronk Co.
1015 Maeville Dr. (22)
Phone: YO 6-8536
259. Zeppenfeld & Co.
P. O. Box 3763 (22)

MISSOURI

LADUE

260. Holan Co., The John A.
12 Clayprice Bldg.
9216 Clayton Rd. (17)
Phone: WY 1-1716

MAPLEWOOD

261. Hoffmann, J. F.
7330 Richmond Pl. (17)
Phone: MI 7-2694

MONETTE

262. Roderick Arms & Tool Co.
110-112 2nd St.

NORMANDY

263. Young, R. A.
P. O. Box 17 (21)
Phone: PA 7-8008

NORTH KANSAS CITY

264. Bubblitz Machinery Co.
14th & Howell Sts.
Phone: GR 1-3916
265. Delco Products Div.
1534 Burlington Ave.
Phone: BA 1-1384
266. Geigher Supply Co.
1428 Iron
Phone: GR 1-0744
267. Marsh Steel & Aluminum Co.
101 E. 9th St. (16)
Phone: GR 1-3505
268. Metal Goods Corp.
1300 Burlington (16)
Phone: GR 1-3516
269. Moorlane Co.
126 E. 15th St. (16)
P. O. Box 7346
Phone: GR 1-3983
270. Nolte Co., Harry L.
1221 Clay Ave. (16)
Phone: VI 2-8070
271. Sesco Engrg. & Supply Corp.
15th Ave. & Clay St. (8)
Phone: GR 1-3926
272. Shour, Herb. H.
110 W. 12th St.
Phone: GR 1-4234

OVERLAND

273. Ferrin Tool Co.
P. O. Box 94 (14)
Phone: HA 8-8255

RICHMOND HEIGHTS

274. National Refining Co.
1206 Moorlands Dr.
Phone: ST 1-7518

ROCK HILL

275. Crane Packing Co.
800 Blossom Lane (19)
Phone: WO 1-6703
276. Krueger, Harold
1216 Gilbert (19)
Phone: WO 1-1872

ST. ANN

277. Bruner, George E.
9807 St. Charles Lane (21)
Phone: HA 7-6844
278. Jost Co., Oscar E.
P. O. Box 6
3913 St. Timothy St.
Phone: HA 8-4488

ST. JOSEPH

279. Amchem Products Inc.
P. O. Box 390
Phone: AD 8-0692
280. Independent Distributing
Co.
923 S. 8th St.
281. Jamieson Machine Co.
215 N. 2nd
282. Ross-Frazier Supply Co., The
8th & Monterey Sts.
Phone: AD 4-2731
283. Welch Skel-Gas Co.
1824 Frederick

ST. LOUIS

284. AAA Equip. Service Co.
3338 S. Jefferson Ave.
(18)
Phone: TO 5-2150
285. A. P. Equip.
3433 Sublette Ave. (9)
286. Acme Steel Co.
111 S. Bemiston Ave. (5)
Phone: PA 6-6230

SALES OFFICES

MISSOURI

ST. LOUIS (cont.)

287. Air Hydraulics Co.
2060 Happy Lane
Phone: TW 2-1135
288. Alemit Co. of St. Louis
4603 McCree Ave. (10)
289. Allegheny Ludlum Steel Corp.
907 Continental Bldg. (8)
Phone: JE 3-6700
290. Allen-Bradley Co.
904 N. Grand Blvd. (6)
Phone: JE 5-1901
291. Allensworth, Harold
7959 Croydon Dr. (23)
Phone: WO 2-9281
292. Allis-Chalmers
7912 Bonhomme Ave. (5)
Phone: PA 6-5454
293. Allis Co., The Louis
4903 Delmar Blvd. (8)
Room 330
Phone: FO 1-5980
294. All-State Welding Alloys Co. Inc.
1523 N. Broadway (6)
295. Aloe Scientific
5655 Kingsbury (12)
296. Altrup Co., M. A.
2319 Hampton Ave. (10)
Phone: MI 7-0113
297. Aluminum Co. of Amer.
10th Floor, Continental Bldg. (8)
298. Amer. Brass Co., The
916 Shell Bldg. (3)
Phone: CH 1-1155
299. Amer. Instrument Co. Inc.
3449 S. Grand Blvd. (18)
Phone: PR 1-8080
300. Amer. Iron-Steel Mfg. Co.
5579 Manchester Ave. (10)
Phone: MI 5-5819
301. Amer. Optical Co.
1709 Washington Blvd. (3)
Phone: CE 1-1803
302. Amer. Tool Sales
6771 Olive St. Rd. (5)
Phone: VO 3-6700
303. Armstrong Cork Co.
1919 Hampton Ave. (10)
Phone: PR 1-5250
304. Aro Equip. Corp., The
3443 Juniata St. (18)
Phone: PR 1-5250
305. Automotive Warehouse Co.
3150 Locust Blvd. (3)
Phone: JE 3-3222
306. Avery Co. Inc., O. B.
1325 Macklind Ave. (10)
Phone: MI 5-1810
307. Babcock & Wilcox Co., The
3615 Olive St. (8)
Phone: JE 5-7150-51
308. Baldwin-Lima-Hamilton
1221 Locust St. (3)
Phone: CH 1-6315
309. Banner Iron Works
1920 S. Kingshighway Blvd.
(10)
Phone: PR 1-2010
310. Banner Machine Tool & Supply Co.
1912 Marconi
Phone: MI 5-1810
311. Barger Equip. Co.
4030 Chouteau Ave. (10)
Phone: JE 3-0123
312. Barnard, John L.
5525 Bartner Ave. (12)
Phone: FO 7-7987
313. Barrett Electrical Supply Co.
2936 Locust Blvd. (3)
Phone: MI 7-1234
314. Barron-Yehlin Sales Co.
4132 Milentz Ave. (16)
Phone: CE 1-7530
315. Bates Sales Co.
1025 N. 6th St. (1)
Phone: CE 1-7530
316. Baumstark & Co., Harry A.
6901 Hoffman Ave. (9)
Phone: MI 7-1234
317. Bausch & Lomb Optical Co.
2031 Olive St. (86)
318. Beatty, Vernon R.
2336 Buller Dr. (14)
Phone: HA 8-4921
319. Behr-Manning Co. (16)
4805 Bingham Ave. (16)
Phone: FL 1-5800
320. Bell Co., M. A.
217 Lombard St.
Phone: VE 2-6868
321. Bellows-Valvair
4233 Sulphur Ave. (9)
Phone: VE 2-6868
322. Bergmann, Emmett
3956 Lindell Blvd.
Phone: JE 3-1919
323. Bethlehem Steel Co.
S. Central & Bonhomme Aves. (5)
Phone: PA 6-4500
324. Black & Decker
615 S. Vandeventer Ave. (10)
Phone: JE 3-2210
325. Blackman & Neutzel Machinery Co.
3713 Washington Ave. (8)
Phone: JE 1-0765
326. Blackmore & Glunt Inc.
4233 Chouteau
Phone: JE 3-9996
327. Blakeslee & Co., G. S.
1460 N. 1st St.
Phone: CH 1-5344
328. Bliss & Laughlin Inc.
25 S. Bemiston (5)
Phone: PA 5-6602
329. Boettler & Co., Dolph
6625 Delmar Blvd. (5)
Phone: PA 1-4607
330. Brady Co., W. H.
519 Lee Ave.
Phone: ST 1-6290
331. Brandwine Equip. Co.
2683 Big Bend Blvd. (17)
Phone: ST 1-6432
332. Brauer Supply Co., A. G.
2100 Washington Co.
Phone: CE 1-0076
333. Brauner Export Co.
2030 Chestnut St.
Phone: JA 2-3071
334. Bresch, S. P.
1345 Stein Rd. (21)
Phone: JA 2-3071
335. Bridgeport Brass Co.
2135 Delmar Blvd. (3)
Phone: CE 1-0076
336. Bristol Co., The
434 Cotton Belt Bldg. (2)
Phone: CH 1-7892
337. Britte Deburring Co.
2612 S. 13th St. (18)
Phone: GR 3758
338. Broadwell & Assoc., James P.
Room 206
7810 Forsyth (5)
Phone: PA 5-8700
339. Brown Machinery Co. Inc.
1519 N. Broadway (4)
Phone: CE 1-0092
340. Bunting Brass & Bronze Co.
2320 Locust St. (3)
Phone: GA 1-2612
341. Bushnell Packing Supply Co., J. P.
3436 Lindell Blvd. (3)
Phone: JE 1-5831
342. CSA
8610 Page Blvd. (14)
Phone: HA 9-4400-1-2-3-4
343. Campbell, R. D.
600 N. Kingshighway
Phone: MO 4-4567
344. Capstick & Co.
2337 S. 13th St. (4)
Phone: MO 4-4567
345. Carpenter Steel Co., The
3942 Laclede Ave. (8)
Phone: OL 2-6700
346. Carrier Corp.
3807 Washington Ave. (8)
Phone: JE 1-3567
347. Carriers Supply Co.
818 Olive St.
Paul Brown Bldg., Room 347
Phone: CH 1-7016
348. Century Electric Co.
1806 Pine St. (3)
Phone: CE 1-4920
349. Cesco Equip. Co.
44 S. Central (5)
Phone: PA 7-0959
350. Chain Belt Co.
8000 Bonhomme (5)
Phone: PA 7-6917
351. Chapman Knives & Saws
4040 Clayton Ave. (10)
Phone: 3-2533
352. Chase Brass & Copper Co.
4641 McRee Ave. (10)
Phone: PR 6-3111

ST. LOUIS (cont.)

353. Chicago Pneumatic Tool Co.
8029 Litzinger Rd. (17)
Phone: MI 5-7511
354. Chicago Rawhide Mfg. Co.
6625 Delmar (5)
Phone: VO 3-6626
355. Childress & Co.
1021-23 S. Big Bend (17)
Phone: ST 1-3211
356. Clark Controller Co., The
7 N. Brentwood Blvd. (5)
Phone: PA 7-7273
357. Claypool Pump & Machinery Co.
2621 Gravois Ave.
Phone: PR 3-6689
358. Cleco Air Tools
2322 Locust St. (3)
Phone: GA 1-4288
359. Clements Welding & Machinery
700 St. Bernard's Lane (10)
Phone: JE 5-8800
360. Cleveland Tramrail St. Louis Co.
2683 Big Bend Blvd. (17)
Phone: ST 1-7000
361. Colcord-Wright Machinery & Supply Co.
6115 Eveline Ave. (10)
Phone: MI 7-4460
362. Columbia Tool Steel Co.
5118 Easton Ave. (13)
Phone: FO 1-0641
363. Connell Co., J. J.
3016 Locust St. (3)
Phone: JE 5-2488
364. Continental Sales Machinery Co. Inc.
2120 S. 7th St.
Phone: CE 1-7900
365. Continental Screw Co.
Claridge Hotel
Locust at 18th St.
Phone: CE 1-7900
366. Corby Supply Co.
3942 West Pine Blvd.
Phone: FR 1-4777
367. Correll Engrg. Co.
4378 Lindell Blvd. (8)
Phone: OL 2-0667
368. County Welding Supply
10425 Hwy. 66 (27)
369. Crandall-Ricker Sales Corp.
1169 Paul Brown Bldg. (1)
Phone: CE 1-0778
370. Crane Packing Co.
4165 Flora Blvd. (10)
Phone: PR 1-5662
371. Cutler-Hammer Inc.
1914 Washington Ave. (3)
Phone: CE 1-9974
372. Cutting Tools Inc.
624-626 N. Skinker Blvd. (5)
Phone: PA 5-4523-29
373. Davies Supply & Mfg. Co.
4160 Meramac St. (16)
Phone: MO 4-9032
374. Delany Co., Michael J.
7603 Forsythe Blvd. (5)
Phone: PA 5-3575
375. Denison Engrg. Div.
2365 Hampton Ave. (10)
Phone: MI 5-7186
376. Denton & Anderson Co., The
6635 W. Delmar Blvd. (30)
Room 205
Phone: PA 7-7760
377. Des Parols, Louis J.
404 Park Rd. (19)
Phone: WO 2-7622
378. Detrex Chemical Industries Inc.
2937 Park Ave.
Phone: PR 6-3357
379. DeVilbiss Co., The
6265 Clayton Ave. (10)
Phone: MI 7-0306
380. Disston Div.
6921 Berkridge Ct. (34)
Phone: HA 7-4218
381. DoALL Southern Co.
1945 N. Broadway (6)
Phone: CE 1-3620
382. Donahower, R. F.
3820 Washington Blvd. (8)
Phone: FR 1-0663
383. Durkin Equip. Co.
9834 Clayton Rd. (17)
Phone: WY 3-2092
384. Eaton Mfg. Co.
3903 Olive St. (8)
Room 311, Wall Bldg.
Phone: JE 6-0388
385. Edward's Sales Agency
2319 Hampton Ave., Suite 105 (10)
Phone: MI 7-5631
386. Elgin National Watch Co.
3427 Missouri Ave. (18)
Phone: PR 6-1787
387. Enterprise Equip. Co.
101 S. Meramec Ave. (5)
Phone: PA 1-3831
388. Es Mueller Co., The
1220 S. 8th St. (4)
Phone: CH 1-3223
389. Eutectic Welding Alloys
3719 Vest Ave. (7)
Phone: GE 6-4644
390. F. J. B. Co.
6807 Arsenal St. (9)
Phone: MI 7-2727
391. Fairbanks, Morse & Co.
217 S. 8th St. (2)
Phone: MA 1-3130
392. Fall Co., C. B.
317 N. 11th St., Suite 1001 (1)
Phone: CH 1-2433
393. Fehlenberg Co., The
9017 Brassie Dr. (14)
Phone: HA 7-7900
394. Ferrin Tool Co.
8470 Page Blvd. (30)
Phone: HA 8-8255
395. Fisher Scientific Co.
2850 S. Jefferson Ave. (13)
396. Flaherty & Co., James B.
7530 Forsyth Blvd. (5)
P. O. Drawer "D"
Phone: PA 6-3400
397. Forristal-Young Sales
8147 Delmare Blvd.
Phone: PA 5-7701
398. Foster Co., John Henry
2850 Gravois Ave. (18)
Phone: PR 3-6408
399. Foster Mechanical Equip.
4262 Washington Ave. (8)
Phone: JE 3-3616
400. Fox Co., John J.
4866 Delmar Blvd. (8)
Phone: FO 1-4981
401. Frye & Co. Inc., W. E.
6616 W. Florissant Ave. (20)
Phone: EV 2-3500
402. Garlock Packing Co., The
3635 Forest Park Blvd. (8)
Phone: OL 2-3157
403. General Controls Co.
1330 Hampton Ave. (10)
Phone: MI 7-4702
404. General Electric Co.
818 Olive St. (1)
Phone: MO 4-9032
405. General Elevator Engrg. Co.
1210 E. 8th St. (4)
Phone: JE 5-9107
406. General Equip. Co.
3952 Clayton Ave. (10)
Phone: JE 5-9107
407. Gerker, Ben J.
6625 Delmar Blvd. (30)
Phone: PA 7-7550
408. Gille, George M.
7116 Oakland (17)
Phone: MI 7-1960
409. Giordano, Joseph
817 Gerald Ave. (35)
Phone: JA 1-8725
410. Gisholt
4030 Chouteau Ave., Room 212 (10)
Phone: JE 5-4470
411. Glasco Electric Co.
727 N. 11th St. (1)
Phone: CE 1-2222
412. Graham, Thomas S.
12411 Ballas Meadows (22)
Phone: YO 5-6273
413. Grant & Co., J.
1246 Hampton Ave. (10)
Phone: MI 7-1022
414. Graybar Electric Co. Inc.
600 S. Taylor Ave. (10)
Phone: PA 6-2666
415. Greene, Richard E.
6625 Delmar Blvd. (30)
Phone: PA 6-2666

ST. LOUIS (cont.)

416. Hagedorn & Gannon
4030 Chouteau Ave.
Phone: OL 2-7457
417. Hampster, Armin F.
1502 St. Louis Ave. (6)
Phone: GA 1-0340
418. Handlan Inc.
615 S. 1st St. (2)
Phone: MA 1-0231
419. Haney Assoc., L. J.
456 Goethe Ave. (22)
Phone: YO 5-5678
420. Harlan, A. H.
4306 Maryland Ave.
Phone: MA 1-3500
421. Harris-Hanson Co.
2814 S. Brentwood Blvd.
Phone: MI 7-4350
422. Hayde-Surridge Co. Inc.
1901 Pine St. (3)
Phone: CE 1-0683
423. Heath Co. Inc., Geo. F.
4030 Chouteau Ave. (10)
Phone: JE 1-6167
424. Heeren, Lester
4903 Delmar Blvd. (8)
Phone: FO 1-2734
425. Helco Inc.
2427 Missouri Ave. (18)
Phone: PR 6-1787
426. Hensel Co., E. R.
5060 Arsenal St. (9)
Phone: TO 5-1900
427. Hewitt-Robins
4030 Chouteau Ave. (10)
Phone: JE 5-8240
428. Hill Equipment Co.
1413 Pennsylvania Ave. (33)
Phone: PA 5-9500
429. Hoffman-Marquard Machinery Co.
1525-27 N. Broadway (6)
Phone: CE 1-0683
430. Holtgrieve, M. M.
25 S. Bemiston Ave. (5)
Phone: PA 5-6402
431. Holtkamp, F. H.
2151 Lawrence St.
Phone: PR 1-3596
432. Hoppe Co., Louis A.
8114 Rosalie (17)
Phone: MI 7-3420
433. Horneyer Co., Lee
6326 Bartmer Ave. (3)
Phone: PA 5-8036
434. Houghton & Co., E. F.
6635 Delmar Ave. (5)
Phone: PA 5-1234
435. Huck Mfg. Co.
2046 Belle Ave. (36)
Phone: EV 8-2020
436. Hunter Sales & Mfg. Co.
4378 Lindell Blvd. (8)
Phone: JE 1-0467
437. I-T-E
7 N. Brentwood Blvd. (5)
Phone: PA 7-6202
438. Illig & Hartmann
18 Lucas Ave. (2)
Phone: MI 7-4517
439. Industrial Combustion Co.
8114 Rosalie Ave. (17)
Phone: MI 7-4517
440. Industrial Products
3956 Lindell Blvd. (8)
Phone: MI 7-2727
441. Industrial Supply Co.
6807 Arsenal St. (9)
Phone: MI 7-2727
442. Inland Steel Co.
111 S. Bemiston Ave.
Phone: PA 6-5656
443. J&L
1709 Ambassador Bldg. (1)
Phone: OL 2-2905
444. Jenkin-Guerin Inc.
4420 Hunt Ave. (10)
Phone: OL 2-2905
445. Johns-Manville Sales Corp.
7912 Bonhomme Ave., Clayton (5)
Phone: OL 2-2905
446. Johnson Bronze Co.
2214 Pine St. (3)
Phone: FR 2-4968
447. Johnson & Son Inc., S. C.
3218 S. Brannon Ave. (39)
Phone: FR 2-4968
448. Johnson & Sons Machinery Co., Wm. C.
1211 Hadley St. (6)
Phone: CE 1-1727
449. Kathrinus & Co. Inc., N. W.
4356 Duncan Ave. (10)
Phone: OL 2-7005

450. Kattelmann, Ray
1914 Union Blvd. (13)
Phone: FO 7-0901
451. Kemp Engrg. Co.
6414A Hampton Ave. (9)
Phone: FL 1-2175
452. Kennametal Inc.
6976 Chippewa St.
Phone: FL 1-1612
453. Kirkbride Saw & Knife Co. Inc.
1016 Chouteau Ave. (2)
Phone: GE 6-4300
454. Klauber Machine Co., E. L.
3221 Olive St.
Phone: FR 1-5100
455. Knight Machinery Co., W. B.
3920 W. Pine Blvd.
Phone: FR 1-5100
456. Korak Co., J. C.
4378 Lindell Blvd. (8)
Phone: FR 1-5100
457. Korsan Co.
3738 Washington Blvd. (8)
Phone: JE 5-3408
458. Lamb & Co., Norman C.
7603 Forsyth Blvd. (5)
Phone: PA 7-0333
459. Lang Saw & Equip. Co.
1009 N. Broadway
Phone: FL 3-4866
460. Lang, W. E.
6523 Nottingham Ave. (9)
Phone: FL 3-4866
461. Larrimore Co., The
P. O. Box 1234
Phone: PR 1-2990
462. LaSalco Inc.
2818-38 LaSalle St. (4)
Phone: PR 1-2990
463. Leaver Co., C. O.
4030 Chouteau Ave. (10)
Phone: JE 1-2040
464. Leeds & Northrup Co.
8000 Bonhomme Ave., Clayton (5)
Phone: PA 6-0653
465. Lee-Mark Assoc. Inc.
2001 Big Bend Blvd. (17)
Phone: PA 1-4746
466. LeVex Engrg. Co.
5050 Lindenwood Ave.
Phone: HU 1-2522
467. Limberg, Charles F.
7626 Westmoreland Ave. (5)
Phone: PA 1-4746
468. Lincoln Electric Co., The
4437 Manchester Ave. (10)
Phone: JE 1-6516
469. Logan Co.
1110 S. Brentwood Blvd. (17)
Phone: PA 7-8257
470. Lorenz, Martin
5222 Fairview (9)
Phone: FL 3-2049
471. Lorenz, Co., Rudie
9500 Gravois Ave.
Phone: TA 1-4119
472. Lulek, George
2258 Hudson Dr. (21)
Phone: UN 8-6210
473. MacDonald & Co., B. C.
3829 W. Pine Blvd. (1)
Phone: JE 1-9266
474. Mallory & Co. Inc., P. R.
215 N. Meramec Ave. (5)
Phone: PA 7-8695
475. Maris Engrg. Service Co.
1110 Brentwood Blvd. (17)
Phone: PA 5-3846
476. McDonald Machinery Co.
1531-37 N. Broadway (6)
Phone: CE 1-9360
477. McDonald & Wilson Sales Co.
3001 Union Blvd. (15)
Phone: EV 3-1941
478. McGrath, Andrew G.
40 S. Schlueter (35)
Phone: PA 1-1139
479. McIntyre, A. M.
1110 S. Brentwood Blvd. (17)
Phone: PA 1-1139
480. McLeod Machinery Co.
1539 N. Broadway
Phone: CH 1-6100

ST. LOUIS (cont.)

481. Medor Inc.
10408 Manchester Ave. (22)
Phone: YO 5-6270
482. Metal Goods Corp.
8800 Page Blvd. (14)
Phone: HA 7-1234
483. Micro Switch Div.
2146 Hampton Ave. (10)
Phone: MI 7-1116
484. Mid-Land Supply Co.
1165 Hodiadmont Ave. (12)
Phone: PA 5-4826
485. Midvale Material Handling Equip. Co.
5011 Manchester Ave. (10)
Phone: OL 2-3510
486. Midvale Mining & Mfg. Co.
5015 Manchester Ave. (10)
Phone: FR 1-2442
487. Midwest Tool & Supply Co.
1515 N. Broadway
Phone: CE 1-1515
488. Mill Supply & Machinery Co.
4812 Washington Ave. (3)
Phone: FO 1-4717
489. Miller Co., E. B.
10117 Manchester Rd. (22)
Phone: YO 5-8250
490. Minn. Mining & Mfg. Co.
10725 Baur Blvd. (32)
Phone: WY 1-1320
491. Mo. Solvents & Chemicals
419 De Soto Ave. (7)
Phone: JE 1-1260
492. Mobil Oil Co.
1436 S. Vandeventer
Phone: JE 1-1260
493. Modern Engrg. Co.
3401 Pine Blvd. (3)
Phone: JE 3-0325
494. Moehlenpach Engrg. Co.
1315 S. Vandeventer (10)
Phone: JE 3-0325
495. Monahan Co., H. O.
1007 Yale Ave. (17)
Phone: ST 1-6574
496. Morris Equip. Co.
4217 Meramec at Chippewa (16)
Phone: TO 5-1566
497. Mueller Brass Co.
2341 LaSalle St. (4)
Phone: PR 2-1706
498. Munroe Co., W. W.
800 E. Big Bend Rd. (22)
Phone: YO 5-2500
499. Murphy Co., Edwynne P.
5707 Manchester (10)
Phone: MI 7-3210
500. Myers & Son, R. E.
504-6 Louderman Bldg.
317 N. 11th St. (1)
Phone: MA 1-2743
501. Nail Sales Co.
115 Bates St. (11)
Phone: VE 2-1337
502. National Refining Co.
Madison & Main
Phone: CE 1-6946
503. Nelman Bearings Co.
2727 Washington Ave. (3)
Phone: JE 3-0837
504. Nelson Stud Welding Div.
2118 S. Hanley Rd. (17)
Phone: MI 7-5546
505. New Departure Div. GMC
6611 Clayton Rd. (17)
Phone: PA 6-0108
506. Nieberding Co., R. A.
2 Manor Lane (21)
Phone: JA 1-9557
507. Norton Co.
4085 Bingham Rd. (16)
Phone: FL 1-6233
508. Nuetzel Machinery Co.
3713 Washington Ave. (8)
Phone: JE 1-0765
509. Oakite Products Inc.
409 Siteman Bldg.
111 S. Bemiston Ave. (5)
Phone: PA 5-8200
510. Oberjuege Rubber Distributing Co. Inc.
21 S. 3rd St. (2)
Phone: GA 1-0180
511. Oliver Machinery Co.
2319 Hampton Ave. (10)
Phone: MI 7-4979

MISSOURI

512. O'Reilly, H. Robt. J.
5272 Westminster Pl. (8)
Phone: FO 1-6715
513. Parco Supplies
2318 Big Bend Blvd. (17)
Phone: MI 5-2350
514. Peters Machinery Co., Wharton L.
3863 W. Pine Blvd. (8)
Phone: JE 5-3700
515. Phelan-Tremelli Co.
7206 Northmoor Dr. (5)
Phone: PA 1-7784
516. "POP" Rivet Div.
4942 Holly Hills St.
Phone: FL 2-2131
517. Pratt & Whitney Co. Inc.
725 Central Terminal Bldg.
110 N. 12th Blvd. (1)
Phone: CE 1-6770
518. Production Tool & Supply
2830-32 Easton Ave.
Phone: OL 2-5800
519. R - J Bearings
2145 Hampton Ave.
Phone: MI 7-3605
520. Randon Co.
4118 Chouteau Ave. (10)
Phone: JE 1-3350
521. Reed Rubber Co.
3115 Washington Ave.
Phone: JE 1-3350
522. Reichhold Chemicals Inc.
7730 Carondelet Ave. (5)
Phone: PA 6-2929
523. Reis Equip. Co.
1920 S. Jefferson Ave. (4)
Phone: CE 1-0300
524. Reliance Electric & Engrg. Co.
9929 Manchester Rd.
Phone: WO 2-6962
525. Republic Steel Corp.
811 Shell Bldg. (3)
Phone: CH 1-8165
526. Revere Copper & Brass Inc.
3615 Olive St. (8)
Phone: JE 1-0300
527. Reynolds Metals Co.
Time Bldg.
1134 Locust St. (1)
Phone: GA 1-5258
528. Ring Co., F. H.
7400 Pershing (30)
Phone: VO 3-2511
529. Rodemich Co., K. W.
4034 Penn Ave. (18)
Phone: CH 1-0279
530. Roehl Inc., William J.
4568 Manchester Ave. (10)
Phone: PR 1-1160
531. Rose, George
835 Patio Ct. (29)
Phone: CH 1-0279
532. Rotary Lift Co.
405 Paul Brown Bldg.
818 Olive St. (1)
Phone: CH 1-0279
533. Rotor Tool Co., The
3010 S. Grand St.
Phone: PR 1-1160
534. Roy, Herbert
9216 Clayton Rd. (24)
Phone: WY 1-2206
535. Ruckert Co., The
922 Pine St. (1)
Phone: CH 1-7445
536. Rumpf Machinery & Equip. Co., Guy H.
P. O. Box 125, Cabanne Sta. (12)
Phone: FO 1-0019
537. Rush Co., Joseph E.
3903 Olive St.
Phone: JE 5-9195
538. Ryerson & Son Inc., J. T.
Box 527 - 5 Clinton St. (3)
Phone: CE 1-1020
539. Ryder-Pratt & Assoc.
6520 Clayton Rd. (17)
Phone: ST 1-9192
540. SKF Industries Inc.
2149 Hampton Ave. (10)
Phone: MI 7-3444
541. S K M Engrg. Co.
2207 Hanley Ind. Ct. (17)
Phone: MI 7-2141
542. S & S Air Compressor Machinery Co.
2203 Gravois Ave. (4)
Phone: PR 3-0622
543. Safety First Co. of St. Louis
1908 S. 12th St. (4)

SALES OFFICES

MISSOURI

ST. LOUIS (cont.)

544. Safety Inc.
2608 Olive St. (3)
545. St. Louis Compressor Service Co.
2647 Washington Blvd. (20)
Phone: CO 2050
546. Scheer Co., W. H.
6376 Clayton Rd. (17)
Phone: MI 3-7950
547. Schweizer Co., Chas. K.
231 Russell Ave. (4)
548. Selaky Brothers Inc.
3903 Olive St., Room 420
Phone: JE 5-3854
549. Scott Special Tools Inc.
1252 N. Kingshighway
Phone: FO 7-3454
550. Sealtite Corp.
1925 Washington Ave. (3)
Phone: CE 1-7724
551. Sell Co., H. T.
3305 Washington Blvd. (3)
Phone: JE 1-4255
552. Shapleigh Hardware Co.
900 Spruce St.
553. Shaw, R. C.
1110 S. Brentwood Ave. (17)
Phone: VO 3-4115
554. Shea-Brownell Co., The
3903 Olive St. (8)
Phone: JE 1-1533
555. Shipping Utilities Inc.
1155 Big Bend Blvd. (17)
556. Shoe Factory Supplies Co.
1200 S. Grand Blvd. (4)
Phone: PR 2-4455
557. Shutt Process Equip. Co.
1822 Cherry Ave. (20)
558. SKIL Corp.
1238 S. Vandeventer Ave. (10)
Phone: JE 5-7424
559. Silgo Inc.
1301 N. Sixth St. (6)
P. O. Box 171
Phone: CE 1-3050
560. Smith-Moschner & Co.
3525 Watson Rd. (9)
Phone: MI 7-5145
561. Snap-on Tools Corp.
2165 Hampton Ave. (10)
Phone: MI 7-2338
562. Spaulding Fibre Co. Inc.
1500 Big Bend Blvd. (17)
Phone: MI 7-4781
563. Spaulding Fibre Co. Inc.
7247 Olive Blvd. (30)
Phone: PA 5-4131
564. Sperry Products Co.
818 Olive St.
Phone: MA 1-1355
565. Stahlhut, Robert E.
12760 Post Oak Rd. (31)
Phone: PA 5-7793
566. Standard Oil Co.
8400 Maryland Ave. (24)
Phone: VO 3-7820
567. Stanley Industrial Tool Co.
338 N. Vandeventer (8)
Phone: OL 2-3423
568. Stempfle Sales Co.
4528 S. Broadway (15)
Phone: HU 1-8292
569. Stephens Machinery Co., Robert R.
8145 Olive Blvd. (30)
Phone: WY 1-0502
570. Sterling Electric Motors Inc.
4378 Lindell Blvd. (8)
Phone: OL 2-0431
571. Strother Assoc. Inc.
34 N. Brentwood (21)
P. O. Box 3
Phone: PA 1-5997
572. Strother & Assoc. Inc.
5211 Lucas Hunt Rd. (21)
Phone: EV 1-6788
573. Sturgis Equip. Co.
601 S. Taylor St. (10)
Phone: OL 2-5380
574. Sturgis Valve & Fittings Co.
601 S. Taylor Ave. (10)
Phone: OL 2-5179
575. Sturm, Ernie
8768 Dell Vista Dr. (23)

576. Sueme Machinery Co., Chas.
7040 Dale Ave. (17)
Phone: ST 1-0760
577. Sun Oil Co.
3419 Papin St. (3)
Phone: PR 1-9364
578. Syntron St. Louis Sales Co.
4431 Manchester Ave. (10)
Phone: OL 2-4366
579. Te-Co. Inc.
801 N. 2nd St. (2)
Phone: CE 1-2500
580. Thayer Co., W. W.
7347 Overbrook Dr. (21)
581. Thomas Inc.
8135 Forsythe Ave. (24)
Phone: PA 1-5288
582. Thompson Co., J. W.
1100 S. Grand Blvd. (4)
Phone: PR 6-0024
583. Thompson, Owen E.
4173 Botanical Ave. (10)
584. Thor Power Tool Co.
4044 Forest Park Blvd. (8)
Phone: FR 1-0150
585. Timken Roller Bearing Co., The
2100 S. Vandeventer Ave. (10)
Phone: MO 4-4724
586. Tool Box Sales Inc.
1356 Kingsland (14)
Phone: PA 1-6222
587. Tools & Supplies Inc.
3131-3137 Olive St. (3)
Phone: FR 1-3370
588. Tracerlab Inc.
4378 Lindell Blvd. (8)
Phone: JE 3-7555
589. Tubular Rivet & Stud Co.
4378 Lindell Blvd. (8)
Phone: JE 5-3122
590. Union Carbide Plastics Co.
122 N. Kirkwood Rd. (22)
Phone: YO 5-2440
591. U. S. Gauge Div.
4115 Manchester Ave. (10)
Phone: OL 2-5950
592. U. S. Gypsum Co.
7734 Bonhomme Ave.
Phone: PA 1-1133
593. U. S. Steel Corp.
1108 Shell Bldg.
1221 Locust St. (3)
594. Universal-Cyclops Steel Corp.
6630 Clayton Rd. (17)
Phone: MI 7-4733
595. Vanadium-Alloys Steel Co.
1032 Paul Brown Bldg. (1)
Phone: CE 1-9022
596. Van De Vanter Engrg.
2207 Pine St.
Phone: GE 6-1900
597. Vascology-Ramet Corp.
2319 Hampton Blvd. (10)
Phone: MI 7-0113
598. Vickers Inc.
1110 S. Brentwood Blvd. (17)
Phone: PA 1-4311
599. Wade, Duane H.
P. O. Box 3785 (22)
Phone: YO 5-3737
600. Waldvogel, Al
1232 Old Florissant Rd. (35)
601. Warner & Swasey Co., The
Room 202 - 9627 Clayton Rd. (24)
Phone: WY 3-6288
602. Warren-Bruce & Co.
4903 Delmar Blvd. (8)
Phone: FO 7-7093
603. Wesseling & Co. Inc., K. P.
310 N. Euclid Ave. (8)
Phone: FO 7-0610
604. West Chemical Products Inc.
3411 Gratiot St. (3)
605. Wiese Planning & Engrg. Inc.
5107 Columbia Ave. (9)
Phone: PR 1-1474
606. Wohltman, R.
4115 Manchester Ave. (10)
Phone: OL 2-5960
607. Wolf Machinery Co., Paul
3530 Lawton Blvd. (3)
608. Yerkes & Co., Jos. H.
3624-30 Enright Ave. (8)
Phone: JE 1-6605

ST. LOUIS (cont.)

609. Zak-Cowen & Assoc. Inc.
7730 Carondelet (5)
Phone: PA 7-8550
610. Ziv Steel & Wire Co.
1617 N. 7th St. (6)
Phone: CE 1-4424 and 1-4310
611. Zueschel Equip. Co.
7203 Manchester Ave. (17)
Phone: MI 5-5003

SAPPINGTON

612. Hansen, Herbert A.
10808 Leebur Dr.
Phone: VI 3-3900

SEDALIA

613. Brown's Supply Co.
219 W. 3rd St.
Phone: TA 6-1972
614. Central Mo. Supply Co.
620 W. Main St.

SPRINGFIELD

615. Ball Supply Co. Inc.
601 N. Jefferson
M.P.O. Box 566
616. Clayton Mill Supply Co.
821 Boonville Ave. (1)
Phone: UN 3-9382
617. Industrial Equip. Corp.
330 N. Kansas Ct.
Box 754
Phone: UN 4-1575
618. Mid-States Gas Light Co.
1615 N. Broadway
619. Oakite Products Inc.
721 E. Pacific St.
Phone: 5-2505
620. Schweitzer Brothers Inc.
421 S. Campbell Ave. (3)
621. Walker & Son Inc., P. G.
1435 College St., P. O. Box 204
Phone: 2-1745

UNIVERSITY CITY

622. Mooney, Edward W.
6653 Enright Ave. (5)
Phone: PA 5-4271
623. Whiting Corp.
567 North & South Rds. (30)
Phone: VO 3-6600

WARSON WOODS

624. Clark, David
514 Monaco Dr. (22)
Phone: YO 6-8097

WEBSTER GROVES

625. Benz Assoc. Inc.
450 Somerset Ave. (19)
626. Components & Equip. Co.
501 Clark Ave. (19)
Phone: WO 2-2790
627. Guignon, Robert
501 Clark Ave. (19)
Phone: WO 2-2799
628. MacGregor, A. H.
102 W. Lockwood Ave. (19)
629. Resasco Inc.
318 Arbor Lane
630. Service Supply Co.
640 Atlanta Ave. (19)
Phone: WO 1-7688

MONTANA

BILLINGS

1. Alemite Sales Co. of Mont.
115 N. 13th St.
P. O. Box 1083
2. Bartells Co., E. J.
129 Grand Ave.
3. Bearings Supply Co.
1123 2nd Ave., N.
P. O. Box 1391
Phone: 9-1195
4. Big Horn Supply Inc.
2116 3rd Ave., N.
5. Boyer Co., C. L.
1002 Division St.
Phone: BI 2-3941
6. Butler, E. R.
129 Crestwood Dr.
7. Continental Oil Co.
1242 N. 28th St.
Phone: 2-5642

8. General Electric Co.
303 N. Broadway, Room 816
9. Great Northern Tool & Supply Co.
2224 Minnesota Ave.
Phone: 2-2175
10. Hines Motor Supply Co. Inc.
Phone: 2155
11. Holesman G. M. Diesel Inc.
827 N. Ave., N.
12. Industrial Supply Co.
316 Hart St.
13. Oakite Products Inc.
P. O. Box 1162
Phone: AL 9-5543
14. Winter Hardware Co.
4102-29 1st Ave., S.
P. O. Box 1155
Phone: 2-2181

BOZEMAN

15. Hines Motor Supply Co. Inc.
Phone: GL 3-5474

BUTTE

16. Butte Machinery Co.
510 E. Aluminum St.
Phone: 6524
17. Continental Oil Co.
9 First National Bank Bldg.
Phone: 2-2332
18. Gardner-Denver Co.
315 E. Park St.
Phone: 2-2662
19. General Distributing Co.
12 W. Galena St.
20. General Electric Co.
103 N. Wyoming St.
P. O. Box 836
21. Hall-Perry Machinery Co.
22. Ingersoll-Rand Co.
845 S. Montana St.
Phone: 2-0451
23. McDonough Co., R. E.
829 Maryland Ave.
Box 278
Phone: 2-5447
24. Mont. Hardware Co.
823 S. Montana St.
Phone: 6591
25. Snap-on Tools Corp.
115 E. Granite St.
Phone: 2-8762
26. Texaco Inc.
220 N. Alaska St.
Phone: 2-1201

GREAT FALLS

27. General Distributing Co.
711 10th Ave., S.
Phone: 9-9220
28. Hines Motor Supply Co. Inc.
Phone: GL 3-5474
29. Mont. Hardware Co.
820 2nd St., S.
30. Riverside Machine Works
525 2nd Ave., S.
31. Weisman & Sons, Carl
300 3rd Ave., S.

KALISPELL

32. Westmont Tractor Co.
55 3rd Ave.

LEWISTOWN

33. Hines Motor Supply Co. Inc.
Phone: 248

MILES CITY

34. Hines Motor Supply Co. Inc.
Phone: 65

MISSOULA

35. Air Mac Inc.
Miller Creek Rd., Route 3
36. H. & H. Welding Co. Inc.
1029 S. 3rd St.
37. Industrial Bearing Co.
223 W. Alder St.
Phone: 3-3723
38. Miller Machinery Co.
Hwy. 93, S.
P. O. Box 1496
Phone: 9-2309
39. Missoula Mercantile Co.
40. Mont. Mercantile Co.
41. Westmont Tractor Co.
150 E. Spruce
Phone: LI 3-6666

NEBRASKA

COLUMBUS

1. K-C Auto Supply
2318 13th St.
Phone: LO 4-3289

GERING

2. Harrington Welding Co.
N. 10th St.

GRAND ISLAND

3. Grand Island Furnace & Supply Co.
856 N. Elm St.
P. O. Box 1207
4. Island Supply Welding Co.
P. O. Box 804

HASTINGS

5. Allis Co., The Louis
1010 W. 11th
Phone: 2-6223
6. Dutton-Lainson Co.
2nd St. & St. Joseph Ave.
7. Hastings Welding Supply Co.
112 N. Denver St.

LINCOLN

8. Continental Oil Co.
836 Stuart Bldg.
Box 393
Phone: HE 2-4455
9. General Electric Co.
Sharpe Bldg.
206 S. 13th St. (8)
10. Henkle & Joyce Hardware Co.
800 "Q" St. (8)
Phone: HE 2-6673
11. Horn Sales Co., D. J.
3468 Woods Ave.
Phone: 2-2002
12. Industrial Tool & Supply Co.
314 S. 11th St. (8)
Phone: 2-1870
13. Lincoln Welding Supply Co.
216 S. 7th St. (8)
14. O'Keefe Elevator Co.
552 Commerce National Bank Bldg. (8)
15. Port Huron Machinery & Supply Co.
801-813 "Q" St.
Phone: 2-4211

OMAHA

16. Acme Bearing Service Inc.
2509 Dodge St. (2)
Phone: WE 4433
17. Alemite Co. Inc., The
1112 Douglas St. (8)
18. Allis-Chalmers
14th & Farnam Sts. (2)
Phone: AT 1780
19. Allis Co., The Louis
4016 Farnam St., Room 100 (31)
Phone: CA 2151
20. Aluminum Co. of Amer.
746 Omaha National Bank Bldg. (2)
Phone: AT 6951
21. Auckley, J. E.
3816 N. 60th St.
Phone: HA 8690
22. Armature & Electric Machine Co.
1708 Jackson St.
Phone: HA 4578
23. Balbach Co., The
1201-07 California St. (2)
Phone: AT 5500
24. Bangh, Conrad R.
524 W. O. W. Bldg.
14th & Farnam Sts. (2)
Phone: AT 4232-3
25. Blackey's Machine Service
1810 Cuming St. (2)
Phone: JA 3168
26. Brand Hydraulics
144 S. 38th St. (31)
Phone: GL 5475
27. Cardinal Supply & Mfg. Co.
915 N. 19th St.
Phone: AT 1155
28. Carrier Corp.
3420 Jones St. (5)
Phone: AT 7181
29. Central States Engrg. Co.
5101 Blondo St. (4)
P. O. Box 1754
Phone: GL 3803
30. Century Electric Co.
City National Bank Bldg., Room 619
405 S. 16th St. (2)
Phone: AT 1574
31. Christy Equip. Co.
4435 N. 20th St. (10)
Phone: PR 4760
32. Clatterbaugh, F. C.
P. O. Box 152 (1)
Phone: TE 2905
33. Cutler-Hammer Inc.
320 W. O. W. Bldg.
1319 Farnam St. (2)
Phone: HA 8600
34. Day Rubber & Supply Co., John
10th & Harney Sts. (8)
Phone: JA 2323
35. Dempsey Co., E. P.
2431 Camden Ave. (11)
Phone: PL 8390
36. Fairbanks, Morse & Co.
902 Harney St. (2)
Phone: AT 3122
37. Fuchs Machinery & Supply Co.
2401 N. 11th St. (2)
Phone: AT 7050
38. General Controls Co.
610 Keeline Bldg. (2)
Phone: AT 3416
39. General Electric Co.
409 S. 17th St. (2)
Phone: AT 4455
40. Gogerty-Reynolds Supply Co.
304 Omaha Loan Bldg.
1504 Dodge St.
Phone: JA 4034
41. Heald, John P.
1114 Jackson St. (8)
P. O. Box 216
Phone: JA 0122
42. Hendrickson Equip. Co.
1236 S. 13th St. (9)
Phone: AT 1385
43. I-T-E
Dodge Center Bldg., Room 205
5002 Dodge St. (3)
Phone: CA 0255
44. Interstate Machinery & Supply Co.
1002 Douglas St.
Phone: AT 0871
45. Janeway, Larry
P. O. Box 1195
46. Jennish, R. W.
726 W. O. W. Bldg. (2)
Phone: AT 2377
47. Klug Co. Inc., H. G.
2029 N. 67th Ave.
P. O. Box 1752
Phone: GL 1377
48. Kraschel Co., Fred J.
801 S. 15th St. (8)
Phone: JA 7200
49. Marathon Electric Mfg. Corp.
1517 Harney St. (2)
Phone: AT 1882
50. McShane Co., T. S.
1113 Howard St.
Phone: JA 1273
51. Midwest Equip. Co.
1614 Izard St. (2)
Phone: AT 7600
52. Miller Electric, Henry
2501 St. Marys
53. Mountain Region Supply Co.
517 Sunderland Bldg. (2)
Phone: JA 5957
54. Nicholson Supply Co.
1916 Dorcas St.
Phone: HA 2776
55. Oakite Products Inc.
16th at Leavenworth St. (2)
Phone: JA 8293
56. O'Keefe Elevator Co.
701 N. 20th St.
57. Omaha Welding Supply Co.
1401 Webster St.
58. Paxton & Gallagher Co.
9th & Jones Sts.

OMAHA (cont.)

59. Peterson, P. H.
5718 Fontenelle (11)
Phone: PR 0244
60. Pioneer Pipe & Supply Co.
20th & Izard St. (2)
Phone: HA 9775
61. Precision Bearing & Transmission Co.
1040 S. 21st St. (2)
Phone: AT 4050
62. Reynolds Metals Co.
102 S. 32nd Ave. (31)
Phone: JA 0614
63. Riekes Equip. Co.
2910 Cuming St. (31)
Phone: AT 1181
64. Scoco Inc.
2802 Douglas (31)
Phone: JA 0013
65. Sinclair Refining Co.
11th & Seward (1)
66. Snap-on Tools Corp.
3601 N. 24th St. (10)
Phone: PL 3116
67. Sun Oil Co.
7706 Toppleton Plaza
Phone: TE 1014
68. Tri-State Spray Equip. Co.
1118 Farnam St.
Phone: HA 5872
69. U. S. Gypsum Co.
120 N. 69th St.
Phone: WA 6168
70. Walling Co., The
1514 Davenport St.
Phone: JA 7044
71. Welders Supply Co.
1112 N. 14th St. (2)
Phone: JA 4956
72. Western Stamp & Stencil Co.
1120 Farnam St. (8)
73. Wilson-Wylie Distributing Co.
2320 Vinton St.
Phone: AT 9893

SCOTTSBLUFF

74. Herber Machinery Supply Co.
Phone: 3300

NEVADA

CLARK COUNTY

1. Harron, Rickard & McCone Co.

FALLON

2. Spencer's Industrial Sales & Service, Bernie
50 W. Virginia St.
P. O. Box 445
Phone: HA 3-6882

HENDERSON

3. Basic Auto Parts
11 Water St.

LAS VEGAS

4. Inland Service & Supply Corp.
1600 Industrial Rd.
Phone: DU 4-1600
5. McQuay Supply Co.
412 S. Main St.
P. O. Box 71
Phone: DU 2-2334
6. Vegas Material Co.
1025 S. Main St.
Phone: DU 4-2025, 3171

RENO

7. Commercial Hardware Co.
P. O. Box 1050
8. Record Supply Co.
300 Valley Rd.
P. O. Box 2877
Phone: FA 3-5131
9. Re-Neva Auto & Paint Supply Co.
56 W. Liberty St.
10. Sierra Industrial Co. Inc.
307 Morrill Ave.
P. O. Box 1330
Phone: FA 3-1301
11. Sierra Oxygen Co.
1500 E. 2nd St.

NEW HAMPSHIRE

ATKINSON

1. O'Connell, James M.
Maple Ave.
Phone: Hampstead,
DA 9-6622

BROOKLINE

2. Wood, E. J.
Springvale Ave.
Phone: 562-J

CANDIA

3. Northeast Handling Systems
P. O. Box 38
Phone: IV 3-5511

CONCORD

4. Bellows-Valvair
27 N. Main St.
Phone: CA 5-6972
5. Fitt & Son Saw Co., Wm.
Airport Rd.
Phone: CA 5-2451
6. Sanel Industrial Equip. & Supply Co. Inc.
159 S. Main St.
Phone: 2900-01 & 3404

EXETER

7. Alco Materials Handling
Rockingham Bldg.

HARRISVILLE

8. Mac-it Parts Co.
P. O. Box 111
Phone: VA 7-3337

HOLLIS

9. Duncan, Bertram
Phone: HO 5-2351

KEENE

10. Knowlton & Stone Co.
Eagle Ct.
11. Perkins, Bassett & Wright Inc.
Phone: EL 2-5910
12. Twin States Industrial Distributors Inc.
443 Winchester St.
Phone: EL 2-2557

MANCHESTER

13. Carlson, L. V.
199 S. Main St.
Phone: MI 9-2749
14. Cohen Machinery Co. Inc.
1 Douglas St.
Phone: 4-4321
15. Emery-Waterhouse Co.
16. General Electric Co.
1662 Elm St.
Phone: NA 2-2253
17. N. H. Supply Co.
40-48 Commercial St.
Phone: NA 3-8084
18. Oakite Products Inc.
P. O. Box 491
Phone: NA 5-6553
19. Seamans Supply Co.
608 Willow St.
Phone: NA 2-6441
20. Sun Oil Co.
Stark & Commercial Sts.
Phone: NA 5-9696
21. Tri-State Industrial Co.
4 Pinard St.
Phone: NA 3-5713

NASHUA

22. Anderson, Wendell
1 Alan St.
Phone: TU 3-5237
23. Bagshaw Co. Inc., W. H.
Pine St.
Phone: TU 3-7758
24. Bishop, Roy C.
259 Main St.
Phone: TU 2-2766
25. Edgcomb Steel of New Eng. Inc.
Jackson Mill, Bldg. 5
Canal St.
26. Hammer Hardware Co. Inc.
35 R. R. Square
27. Roberts Assoc.
8 Marie St.
Phone: TU 3-3021
28. Stanley Elevator Co. Inc.
444 S. Main St.

SALES OFFICES

NEW HAMPSHIRE

NORTHWOOD

29. Farrow, F. C.

PELHAM

30. Oakite Products Inc.
1 Mammoth Rd.
Phone: ME 5-7755

REEDS FERRY

31. Macgill, George
Currier Rd., R. D. #2

RYE

32. Van Wert Co., G. E.
P. O. Box 153
Phone: WO 4-8480

WALPOLE

33. Cosa Corp. of New Eng.
P. O. Box 727
Phone: SK 6-3222
34. Macri, Greg
Keene Rd.
Phone: SK 6-9850

NEW JERSEY

ARSECUN

1. Elwood, Arrow Tools Inc.
R. M.
120 Pitney Rd.
Phone: MI 1-4338

ALLEDALE

2. Gradwell Industries
Forest Rd. & Wyckoff
Ave.
Phone: TW 1-1909

ATLANTIC CITY

3. Pittsburgh Plate Glass Co.
2718 Atlantic Ave.

ATLANTIC HIGHLANDS

4. Goode, Frank
210 Bayside Dr.
Phone: 1-1792-W

AVON

5. Feeley, T. W.
21 Lincoln Ave.
Phone: FR 6-6388

BAYONNE

6. Bayonne Hardware Co.
249 Broadway
7. Stuart Oil Co. Ltd., D. A.
P. O. Box 137
Phone: HE 7-0151
8. U. S. Hardware Co.
385 Broadway

BELLEVEILLE

9. Eastwood-Nealy Corp.
10. Rogers Mill Supply Co.
27 Washington Ave. (9)
Phone: HU 3-8606
11. Tri-County Industrial
121 Main St. (9)

BERGENFIELD

12. Barber-Colman Co.
112 S. Washington Ave.
Phone: DU 4-2173
13. Fuller, Robert W.
24 Stillman Ave.
Phone: DU 4-7069
14. Oakite Products Inc.
163 Baker Ave.
Phone: DU 4-8270

BERKELEY HEIGHTS

15. Hetzke, Robert J.
66 Cromwell Ct.
Phone: CR 3-7545
16. Kelite Corp.
81 Industrial Rd.
Phone: CR 3-5500

BLOOMFIELD

17. Bergmann, Charles
160 Ampere Parkway.
18. Burgess-Thomas Co.
Box 287
Phone: PI 8-5454
19. Faber & Assoc. Inc., R. L.
1246 Broad St.
Phone: ED 8-6006

20. Factory Equip. Co.
190 State St.
Phone: PI 8-7171

21. Mich. Clamp Agency
26 Benson St.
P. O. Box 286
Phone: PI 8-7308

22. Roher, L. E.
39 Delaware Ave.
Phone: PI 3-9384

23. Scientific Glass Apparatus
Co.
190 Lakewood Terrace
50 Broad St.
25. West Essex Tool & Supply
Co.
120-122 Liberty St.
26. Wheel Truening Tool Co. of
N. J.
33 West St.
P. O. Box 215
Phone: PI 3-7430

27. Yecies, Herman W.
42 Dodd St.
Phone: BL 2-1800

BOONTON

28. Dearie & Co., J. P.
103 William St.
Phone: DE 4-8484

BOUND BROOK

29. Anchor Steel & Conveyor
Co.
416 N. Vosseler Ave.
P. O. Box #390
Phone: HO 9-0322

BURLINGTON

30. Lippincott's Hardware &
Supply
23 E. Broad St.
Phone: DU 6-3811

CALDWELL

31. Abrasives Inc.
43 Roseland Ave.
32. Bakken, A. M.
Box 440
Phone: CA 8-0238 or
DI 9-4655
33. Kennedy, H.
25 Linwood Terrace
Phone: CA 6-1442
34. Smith, Harold M.
P. O. Box 162
Phone: CA 6-2395

CAMDEN

35. Adley Corp.
210 N. 6th St. (2)
Phone: WA 3-1085
36. Amer. Instrument Co. Inc.
15 N. 8th St.
Phone: WO 3-5344
37. Antrim Hardware Co.
1514 Federal St. (5)
P. O. Box 926
Phone: EM 5-6900
38. Bailey, V. C.
1060 Liberty St.
Phone: WO 4-8385
39. Ball, R. P.
532 Cooper St. (2)
Phone: WA 2-7778 (Phil.)
40. Bearings Inc.
1035 Wright Ave.
Phone: WO 4-3965
41. Behr-Manning Co.
1061 Haddon Ave. (3)
Phone: WO 6-4657
42. Camden Tool & Supply Co.
129 York St. (2)
P. O. Box 653
Phone: EM 5-9356
43. Combustion Div. Branch
Office
51 S. 26th St. (5)
Phone: WO 3-5777
44. Drew, M. L.
363 Wilson Bldg.
130 N. Broadway (2)
Phone: WO 6-2888-89
45. Electrical Manufacturers
Service
201 S. Broadway (3)
Phone: WO 4-8014
46. Fidelity Machine Tool Inc.
309 Vine St. (2)
Phone: WO 3-7765

47. Fuller Brush Co., The
6th St. & Atlantic Ave.

48. Gowen, R. H.
303 Wilson Bldg.
130 N. Broadway (2)
Phone: WO 6-2888-89

49. Matlack & Son, John H.
8th & Vine Sts.

50. McCoy, Jack W.
300 Broadway (3)
Phone: WO 6-1800

51. Medallion Tool Service
618 N. Front St. (2)

52. Perfecting Service Co.
201 S. Broadway
Phone: WO 6-3644

53. Reynolds Metals Co.
518 Market St. (1)
Central Camden Parkade
Bldg.
Phone: WA 5-8200 (Phil.)

54. Shingle & Gibb Co.
Newton Ave. & 11th St.
(1)
Phone: WO 6-3687

55. Spaulding Fibre Co. Inc.
227 S. 6th St. (1)
Phone: WO 3-1646

56. Towmotor Corp.
6920 Crescent Blvd. (1)
Phone: NO 3-2806

CARLSTADT

57. Blum & Co. Inc., Julius
P. O. Box 92
Phone: GE 8-4600
58. Williams & Son, E. A.
325 Washington Ave.
Phone: GE 8-0800

CARTERET

59. Oakite Products Inc.
6 Colgan Ave.
Phone: KI 1-3385

CEDAR GROVE

60. Brennan, Howard F.
15 Greendale Rd.
Phone: CE 9-0001

CHATHAM

61. Davis, Noble
818 River Rd.
Phone: ME 5-8106

CLARK

62. Circo Equip. Co.
51 Terminal Ave.
Phone: FU 8-8660
63. Denison Engrg. Div.
315 Central Ave.
Phone: FU 1-2829

CLIFFSIDE PARK

64. Halton Hardware & Supply
886 Anderson Ave.

CLIFTON

65. Acme Steel Co.
454 Allwood Rd.
Phone: GR 1-4400
66. Aloris Tool Co. Inc.
419 Getty Ave.
Phone: GR 3-1201
67. Blanchette Co., The F. W.
845 Bloomfield Ave.
Phone: GR 1-2100
68. Bobker Bearings Co.
132 Getty Ave.
Phone: GR 3-7310
69. Burwell Inc., C.
654 Allwood Rd.
Phone: PR 7-8610
70. Carrier Corp.
1051 Bloomfield Ave.
Phone: GR 3-5850
71. Clinrock Machinery Inc.
115 Industrial East
P. O. Box 505
Phone: PR 7-0717
72. Denman & Davis
Broad & Hazel Sts.
73. Gisholt Machine Co.
1051 Bloomfield Ave.
P. O. Box 521
Phone: PR 3-0550,
PR 3-0551
74. Industrial Distributors
217 Dayton Ave.
Phone: PR 3-9406

75. Kennedy-Foster Co. Inc.
855 Bloomfield Ave.
Phone: GR 1-2400

76. Koeller Air Products
594 Lexington Ave.

77. Landis Tool Co.
1051 Bloomfield Ave.
Phone: PR 3-0365 &
3-0366

78. Marlin-Rockwell Corp.
230 Main Ave.
Phone: PR 3-2050

79. McCarrick, E. J.
97 Green Tree Rd.
Phone: GR 2-8612

80. Metro-Clifton Electrical
Supply Corp.
1454 Main Ave.
Phone: GR 2-5050

81. Oakite Products Inc.
130 Washington Ave.
Phone: PR 9-2904

82. Parker-Kalon
Peekay Dr.
Phone: GR 1-1000 &
LO 4-0710

83. Schneider Instruments Inc.
31 Sebago St.

84. Union Carbide Plastics Co.
1051 Bloomfield Ave.
Phone: PR 8-2906

85. U. S. Gypsum Co.
1051 Bloomfield Ave.
Phone: GR 2-3960

CLOSTER

86. Cusato, Anthony J.
22 Maplewood Rd.
Phone: CL 5-3639
87. Dickson, R. N.
19 Wainwright Ave.
Phone: CL 5-2760
88. Meyer, C. L.
P. O. Box 279
Phone: CL 5-1194
89. Tool Specialists Inc.
22 Maplewood Rd.
Phone: CL 5-3639

COLLINGSWOOD

90. Adam, David
624 Diplomat-Park View
Apts.
91. C. T. C. Co.
544 Haddon Ave. (7)
Phone: CO 5-3281
92. Ditmars, K. O.
P. O. Box 95
Phone: DA 9-4527

COYTESVILLE

93. Miller Electric Mfg. Co.
Inc.
132 Myrtle Ave.
Phone: WI 7-2868

CRANFORD

94. Mulford, Howard R.
104 Hampton St.
Phone: BR 6-4847
95. Oakite Products Inc.
115 Alden St.
Phone: BR 6-0369
96. Roden Co., The
15 Alden St.
P. O. Box 305
Phone: BR 6-7330

DEAL

97. Blass Co., Richard B.
109 Runyon Ave.
Phone: KE 1-1612

DELANCO

98. Bunge, Eldridge V.
824 Laurel Ave.

DEMAREST

99. Dunn, Walter F.
35 Anderson Ave.
Phone: LO 8-7300

DENVILLE

100. General Box Co.
30 Estling Lake Rd.
Phone: OA 7-2266
101. Oakite Products Inc.
30 Lenape Trail
Indian Lake
Phone: OA 7-1722

DOVER

102. Suburban Tool & Machine Supply Corp.
7 Dickerson St.
Phone: FO 8-8900
103. Welding & Cutting Equip. Co. Inc.
Route 48

DUMONT

104. Pelham Machinery Co.
134 Veterans Plaza
Phone: DU 5-6161

DUTCH NECK

105. Pomykala, Stanley F.
Village Rd., W.
Phone: SW 9-1077

EAST BRUNSWICK

106. Chainveyor Corp.
26 Gulf Rd.

EAST ORANGE

107. Allen-Bradley Co.
350 Main St.
Phone: OR 2-9693
108. Allis Co., The Louis
314 Dodd St.
Phone: OR 4-8586
109. Amer. Brass Co., The
110 Halsted St.
Phone: OR 5-6060
110. Chain Belt Co.
19 N. Harrison St.
Phone: OR 3-2120
111. Commercial Shearing & Stamping Co.
120 Halsted St.
Phone: OR 3-3236
112. De Laval Separator Co., The
120 Halsted St.
Phone: OR 2-4113
113. Hoffman Co., The John
634 Central Ave.
Phone: OR 5-1896
114. Kelley Co., R. J. R.
519 Main St.
Phone: OR 6-0714
115. Leeds & Northrup Co.
99 Washington St.
Phone: OR 2-3420
116. Lentz Industrial Equip. Co.
P. O. Box 451
Phone: OR 3-1956
117. Marshall Co., G. L.
19 Washington St.
Phone: OR 3-2871
118. Nott Safety Appliances Co.
308 Main St.
Phone: OR 3-4500
119. Rubber & Asbestos Corp.
240 S. Harrison St.
Phone: PI 8-1300
120. U. S. Tool Co. Inc.
255 N. 18th St.
Phone: OR 5-4000
121. Warner & Swasey Co., The
120 Halsted St.
Phone: OR 3-3893

EAST PATERSON

122. Amer. Tool & Specialty Corp.
236 A Market St.
Phone: MI 2-7609
123. Kent, Frederick E.
31-B Iozia Ter.
124. Welding Supply Co.
65 Van Riper Ave.
125. Wesson Co.
286 Market St.
Phone: SW 6-3090

EDGEWATER

126. Armour Alliance Industries
839 River Rd.
Phone: WH 3-4450

ELIZABETH

127. Aro Equip. Corp., The
5 Newcomb Pl. & Rahway Ave.
Phone: EL 5-4000
128. Barnett Tool Co.
1127 E. Grand St.
Phone: EL 4-3840
129. Brown-Reynolds Co.
171 1st St. (1)
Phone: FL 1-2424

130. City Hall Industrial Supply Corp.

- 76 Prince St.
131. Dorman Tool Co.
18 W. Jersey St.
P. O. Box 196
Phone: EL 4-5758
132. Flexonics Corp.
980 DeHart Pl.
Phone: EL 4-4500
133. Gardner Machine Co.
272 N. Broad St. (3)
Phone: EL 4-5432
134. Haley, Raymond J. F.
118 Princeton Rd.
135. Hand Hardware Co.
157-161 Jefferson Ave.
Phone: EL 2-4200
136. Humble Oil & Refining Co.
500 N. Broad St. (3)
Phone: EL 4-6000
137. Industrial Rubber Co.
541 Edgar Rd.
138. Jackson Hardware
704 Jackson Ave. (4)
139. Otigear Co., The
570 N. Broad St.
Phone: EL 2-0313
140. Reichhold Chemicals Inc.
726 Rockefeller St. (2)
Phone: EL 3-6600
141. Reliance Electric & Engrg. Co.
800 Dowd Ave.
Phone: EL 4-8300
142. Schnitzer Alloy Products Co.
326 Pine St.
143. Strassman & Sons, J.
179-181 3rd St. (1)
Phone: EL 2-2293

ENGLEWOOD

144. Ampeco Metal Inc.
16-22 W. Fallside Ave.
Phone: LO 7-0832
145. Detrex Chemical Industries Inc.
39 Park Pl.
Phone: LO 8-1245
146. Dice Co., J. W.
16 Highwood Ave.
Phone: LO 9-0471
147. Englewood Tool & Supply Co. Inc.
136 S. Van Brunt St.
Phone: EN 4-0230
148. Hines, George A.
384 W. Hudson Ave.
Phone: LO 9-0990
149. Meredith Machinery Co.
P. O. Box 749
Phone: LO 7-2737
150. Nicholson File Co.
222 S. Dean St.
P. O. Box 687
Phone: LO 7-1212
151. Post Co., Frederick
41 Bancker St.
Phone: LO 9-1000
152. Production Tool Sales Co.
2 N. Dean St.
Phone: LO 8-4500
153. Smith Co., Beverly D.
29 N. Dean St.
Phone: LO 8-3360

ENGLEWOOD CLIFFS

154. Bay State Tap & Die Co.
385 Sylvan Ave.
Phone: LO 9-8242
155. Dow Corning Corp.
401 Sylvan Ave.
Phone: LO 7-4960
156. Kearney & Trecker Corp.
456 Sylvan Ave.
Phone: LO 8-7882

ERLTON

157. Mid-West Abrasive Co.
R. #70 & Cornell Ave.
P. O. Box 24
Phone: NO 5-1232

FAIR LAWN

158. B J M Assoc.
12-92 Plaza Rd.
Phone: SW 7-2144
159. Fairbanks, Morse & Co.
19-01 Route 308
Phone: SW 6-5100

160. Ind. Steel Products

- 12-94 Plaza Rd.
Phone: SW 1-1550
161. Lindberg Engrg. Co.
12-96 Plaza Rd.
Phone: SW 7-6500
162. Newman, H. D.
368 Owen Ave.
Phone: SW 6-1600
163. Products for Industry
P. O. Box 398
Phone: SW 6-1525
164. Sandvik Steel Inc.
1702 Nevins Rd.
Phone: SW 7-8200

FAIRVIEW

165. Auto Gas Light & Appliance Co.
723 Fairview Ave.
Phone: HA 9-4968
166. Century Electric Co.
7 Commercial Ave.
Phone: WH 3-4900

FANWOOD

167. Jackle, Harold
469 South Ave.
168. "POP" Rivet Div.
5 Shady Lane
Phone: AD 3-2560
169. Roberts, James T.
163 Helen St.

FLANDERS

170. Rindi Co., J. C.
129 Emmans Rd.

FLORENCE

171. Florence Pipe Foundry & Machine Co.
(Burlington County)
Phone: HY 9-0001

GARFIELD

172. Grenci Machine & Supply Co.
83 Passaic St.
Phone: GR 3-4532

GLEN RIDGE

173. Ehlers, Jr., Edward
P. O. Box 214
Phone: PI 6-3311
174. Nash, Henry
60 Midland Ave.
Phone: PI 3-5552
175. Tessin, Wendell E.
P. O. Box 4
Phone: PI 3-1702

GLEN ROCK

176. Wald Research Inc.
566 Broad St.

HACKENSACK

177. Air & Hydraulic Equip. Co.
86 Hudson St.
Phone: DI 3-3111
178. Crane Packing Co.
185 S. Newman St.
Phone: HU 7-3213
179. Eaton Co., The
85 Zabriskie St.
Phone: DI 2-3510
180. Kraissl Co. Inc.
299 Williams Ave.
Phone: DI 2-0008
181. Parker-Hannifin Industrial Sales Office
210 Main St.
Phone: DI 3-5758
182. Ribble Co., C. H.
31 di Carolis Ct.
Phone: DI 2-2602
183. Sun Oil Co.
520 Hudson St.
Phone: HU 7-6780
184. Wolff, Bruno B.
143 Prospect Ave.
Phone: HU 9-4739

HACKETTSTOWN

185. Amer. Woodworking Machinery
100 Liberty St.
Phone: GA 5-4737

HADDONFIELD

186. Armstrong Inc., J. Neill
265 Sharrow Vale Rd.
Phone: HA 8-3500

NEW JERSEY

187. Automatic Switch Co.
1500 Kings Hwy., E.
Phone: HA 9-0300
188. Davis, Denzel
425 Kingston Dr.
Phone: Kingston Estates
189. Dynapak/Convair
871 Grove St.
Phone: HA 8-3881
190. Leopold, Leonard E.
701 Kingston Rd.
Kingston Estates
Phone: NO 2-7931
191. Robbins Co., L. M.
302 Peyton Ave.
Phone: HA 9-4968
192. Twitchell Engrg. Co.
P. O. Box #175
Phone: HA 9-5636
193. Warner Electric Brake & Clutch Co.
118 Haddon Ave.
Phone: HA 9-2103
194. Wilson, Jr., Fred D.
506 Tarrington Rd.
Barclay Farms
Phone: HA 9-9398
195. Wolzski, R. L.
P. O. Box 223

HALEDON

196. Grundy, Herbert R.
25 Woodside Ave.
Phone: AR 4-5658

HAMILTON SQUARE

197. Wills, M. M.
P. O. Box 35
4036 Nottingham Way
Phone: JU 7-5063

HANOVER

198. Burns Factory Supply Inc.
Box 294

HARRINGTON PARK

199. Anderson, Don
17 Martin Dr.

HARRISON

200. Hyatt Bearings Div.
General Motors Corp.
Phone: HU 4-4000
201. Springfield Facing Inc.
401 S. 2nd St.
Phone: HU 3-0232
202. Whitehead Metals Inc.
1000 S. 4th St.
Phone: HU 5-5900

HASBROUCK HEIGHTS

203. Conover & Co., C. E.
Route 17
Phone: AT 8-3800
204. Dengel Assoc.
181 Blvd.
P. O. Box 185
Phone: AT 8-1212
205. Sharp Inc., George
P. O. Box 81
Phone: AT 8-2288
206. Syntron Newark Sales Co.
58 Route #17
Phone: AT 8-1845

HAWTHORNE

207. Alkon Products Corp.
200 Central Ave.
Phone: HA 7-6633

HIGHLAND PARK

208. Bobber Bearing Co. Inc.
271 Woodbridge Ave.
Phone: CH 7-0674
209. Karol-Warner Co.
432 Cedar Ave.
Phone: WA 4-3800
210. Telch, Milton
804 S. 2nd Ave.
Phone: CH 7-5038

HILLSDALE

211. Finelsen Co., A. R.
548 Piermont Ave.

HILLSIDE

212. Bridgeport Brass Co.
1240 Central Ave.
Phone: BI 3-0044
213. Detroit Mold Engrg. Co.
1217 Central Ave.
Phone: EL 5-3500

SALES OFFICES

NEW JERSEY

HILLSIDE (cont.)

- 214. Feron Equip. Co.
1466 Chestnut Ave. (5)
Phone: WA 6-2660
- 215. Goldie Industrial Supply Co.
1405 Maple Ave.
Phone: WA 6-2333
- 216. Latrobe Steel Co.
741 Ramsey Ave.
Bowling Green 9-4074
Phone: MU 8-9134
- 217. Raysons Supply Co.
378 U.S. Hwy. #22 (5)
218. SKIL Corp.
611 U.S. Hwy. 22 (5)
Phone: MU 6-6350
- 219. Tool Specialties Co. Inc.
390 Hillside Ave.
Phone: MU 6-8700

HOBOKEN

- 220. Hauser, Eugene B.
P. O. Box 647
Phone: OL 9-2521
- 221. Schelling Hardware Co.
734 Willow Ave.
- 222. Washington Hardware Co. Inc.
721 Madison St.

HO-HO-KUS

- 223. Harvey, Allen B.
241 Blauvelt Ave.
Phone: GI 5-3492

IRVINGTON

- 224. Barnett Foundry & Machine Co.
536 Lyons Ave. (11)
Phone: ES 3-2920
- 225. Bauer Factory Supply Inc.
985-987 Clinton Ave. (11)
Phone: ES 5-5200
- 226. Harris-Ace Welding Equip. Co.
153 Chestnut St.
- 227. Wright, W. F.
26 Mt. Vernon Ave.
Phone: ES 3-6155

JERSEY CITY

- 228. Bobker Bearings
3233 Hudson Blvd. (6)
Phone: OL 3-4820
- 229. Bright Steel Corp.
238 Culver Ave. (5)
Phone: HE 5-4806
- 230. Chemical Pump & Equip. Co.
1 Exchange Pl. (2)
Phone: HE 2-4350
- 231. Chutter, George A.
15 Exchange St. - 1116 (2)
Phone: DE 2-1700
- 232. Commercial Blue Print
83 Waverly St. (6)
- 233. Hein Co., Louis H.
232 W. Side Ave. (5)
Phone: HE 5-1965
- 234. Industrial Products Co.
134 Garfield Ave. (5)
Phone: DE 3-3253
- 235. Miller Hardware Co. Inc.
620 Newark Ave.
- 236. Ruskin Hardware Co., Edward
272 Newark Ave.
- 237. Ryerson & Son Inc., Jos. T.
P. O. Box 484
203 Westside Ave. (3)
Phone: HE 4-1123
- 238. Van Tassel, Wesley
158 Cambridge Ave. (7)
Phone: OL 9-2287
- 239. Wingard, Leonard
906 Summit Ave.
Phone: OL 6-5149
- 240. York Corrugating Co.
72 Hudson St.

KEARNY

- 241. Gumm Chemical Co., Frederick
538 Forest St.
Phone: KE 2-4142
- 242. Nelson Inc., A. N.
38 Johnston Ave.
Phone: WY 1-6700
Phone: WY 2-3191

- 243. Wayne Tool & Supply Co.
615 Elm St.

KENILWORTH

- 244. A & F Cutter Corp.
P. O. Box 202
7 Mark Rd.
Phone: MU 7-2626
- 245. Cleveland Tramrail Div.
Sidney Rd.
Phone: CO 7-5651
- 246. F & R Industrial Supply Co.
742 Fairfield Ave.
Phone: CH 1-2744-5
- 247. Klingelhofer Machine Tool Co.
Industrial Park
248. Metallurgical Products Dept.
760 Colfax Ave.
Phone: CH 5-7250
- 249. Milne & Co. Inc., A.
636 N. Michigan Ave.
Phone: MU 8-1500
- 250. Precision Rubber Products Corp.
10 S. Michigan Ave.
P. O. Box 2
- 251. Reliable Equip. & Supply
725 Fairfield Ave.
Phone: CH 1-0350
- 252. Stephenson Machinery Co.
721 Boulevard
Phone: CH 1-1040

LAKE HIAWATHA

- 253. Moore Instrument Co.
14 Glen Wood Ave.
Phone: DE 4-9363

LAURELTON

- 254. Fitzgerald, William
318 Sprucewood Dr.

LEONIA

- 255. Speer Co., George A.
252 Fort Lee Rd., Box 145
Phone: WI 7-3883

LEVITTOWN

- 256. Ackerman, E. F.
65 Sandstone Lane
Phone: TR 7-4936
- 257. Billis Sales Co.
50 Ballad Lane
Phone: TR 2-3417

LINDEN

- 258. Ace Scientific Supply Co.
1420 E. Linden Ave.
P. O. Box 127
- 259. Brown Machine Co.
417 Commerce Rd.
Phone: HU 6-7340
- 260. Goodliffe & Son, J. W.
1900 E. Elizabeth Ave.
- 261. Nielsen Hydraulic Equip. Co.
1429 E. Elizabeth St.
Phone: WA 5-4844
- 262. United Automatics Co.
801 E. Linden Ave.
Phone: HU 6-9206
- 263. Welser Machinery Corp.
1539 W. Elizabeth Ave.
Phone: HU 6-9110

LITTLE FALLS

- 264. Kearfott Co. Inc.
1150 McBride Ave.
- 265. Upton, A. J.
Old Rifle Camp Rd.
Phone: CL 6-2679

LITTLE FERRY

- 266. Hevi-Duty Electric Co.
84 Industrial Ave.
Phone: DI 3-2850
- 267. Quad Machinery & Supply Co.
315 U.S. Hwy., R. #46
Phone: HU 7-2670

LIVINGSTON

- 268. Burns Factory Supply Inc.
506 W. Mt. Pleasant Ave.
Phone: LI 6-4310
- 269. McCanna, James
73 Falcon Rd.
- 270. Oakite Products Inc.
32 Riker Hill Rd.
Phone: WY 2-3191

- 271. Precision Nut Co.
5 Cedar Parkwy., N.
Phone: WY 2-9120

- 272. Vonbee Co.
P. O. Box 538
Phone: WY 2-4266

LODI

- 273. Graham Industrial Supply Co.
Arnot Pl. & Mercer St.
Phone: FR 3-3661
- 274. Tek Bearing Co. Inc.
122 Essex St.
Phone: HU 8-8774

LYNDHURST

- 275. Benedict-Miller Inc.
Marin Ave. & Orient Way
Phone: GE 8-3000

MADISON

- 276. Postoria Corp.
4 Green Village Rd.
Phone: FR 7-0914,
FR 7-7444
- 277. Heller, Eugene P.
12 Woodland Rd.
Phone: FR 7-2878
- 278. Kelleher, Albert A.
Box 241
Phone: FR 7-6407
- 279. Warner Electric Brake & Clutch Co.
36 Main St.
Phone: FR 7-4800

MAPLE SHADE

- 280. Evans, Joseph M.
Spring Hill Country Club
R. #3

MAPLEWOOD

- 281. Alroyal Co., The
1990 Springfield Ave.
Phone: SO 2-1700
- 282. Smith, Addison T.
590 Prospect St.
Phone: SO 3-8321
- 283. Vail Co., M. J.
1916 Springfield Ave.
Phone: SO 3-3110

MATAWAN

- 284. D. A. G. Tool Co.
P. O. Box 269
R.F.D. #1, Box 83-D
Phone: LO 6-6294

MAYWOOD

- 286. Cincinnati Milling & Grinding Machines Inc.
Essex St. at Route 17
Phone: HU 9-8840
- 287. Fellows Gear Shaper Co., The
150 W. Pleasant Ave.
Phone: HU 7-0346

MEDFORD

- 288. Sunnen Products Co.
R.D. #1, Hoot Owl Estates
Georgia Trail

MERCHANTVILLE

- 289. Doerffel, George A.
6100 Rogers Ave. (8)
Phone: NO 2-8144
- 290. Jones, W. W.
214 St. James Pl. (8)
Phone: NO 2-6713
- 291. Oakite Products Inc.
128 Woodlawn Ave. (8)
Phone: NO 3-3080
- 292. Quad Tool & Die Supply Co.
Norwood Ave. & R.R. (8)
Box 184
Phone: NO 2-7878
- 293. Ryan Tool Supply
8 Glen Lake
Phone: NO 3-1372

METUCHEN

- 294. Metuchen Mill Supply Co.
411 Main St.

MIDLAND PARK

- 295. Citron, Carl
26 E. Summit St.
Phone: GI 4-7347

- 296. Industrial Sales Co.
26 E. Summit St.
- 297. Moll, P. W.
P. O. Box 3
Phone: GI 4-9130

MILBURN

- 298. Waterbury Farrel Foundry & Machine Co., The
321 Millburn Ave.
Phone: DR 6-2320

MILLVILLE

- 299. National Distributors
215 Buck St.

MONTCLAIR

- 300. Ameresco Inc.
33 Watchung Plaza
Phone: PI 6-5300
- 301. Industrial Filters Co.
P. O. Box 160
Phone: PI 3-6169
- 302. Marquis, Ford C.
18 Trinity Pl.
Phone: PI 4-8565
- 303. Monarch Machine Tool Co.,
484 Bloomfield Ave.
Phone: PI 6-3700
- 304. Northwest Chemical Co.
460 Bloomfield Ave.
Phone: PI 6-1830
- 305. Sinclair Refining Co.
235 Bloomfield Ave.

MONTVALE

- 306. Crowther, Harry
27 Highland Rd.
Phone: Park Ridge 6-1705

MOORESTOWN

- 307. Linde Co.
Pleasant Valley Rd. &
Route 38
- 308. "POF" Rivet Div.
Church Rd., RFD #1
Phone: EA 1-0231
- 309. Rogers Sales Co.
11 E. Central Ave.
Phone: BE 5-1666
- 310. Union Carbide Plastics Co.
R. #28 & Pleasant Valley Rd.
Phone: BE 5-6200

MORRISTOWN

- 311. Heald Machine Co., The
17 Elm St.
Phone: JE 8-5611
- 312. Morristown Electrical Supply Co.
23 Spring St.
Phone: JE 8-1600
- 313. Thurston Mfg. Co.
55 Georgian Rd. (Box 203)
Phone: JE 8-6358

MOUNTAINSIDE

- 314. Carpenter Steel Co., The
1110 Globe Ave.
Phone: AD 2-8600
- 315. Douglas, Walter H.
1063 Sunny Slope Dr.
Phone: AD 2-8232
- 316. Firth Sterling Inc.
221 Sheffield St.
Phone: AD 2-7710
- 317. Globe Engrg. Sales Co.
U. S. Route #22
Phone: WE 2-7366
- 318. Rakistan of N. J. Inc.
1163 U. S. Route 22
Phone: AD 2-9440
- 319. Smith, P. J.
1138 Maple Ct.
Phone: MU 4-7111

MT. HOLLY

- 320. Oakite Products Inc.
415 Park View Dr.
Phone: AM 7-5290

MOUNT TABOR

- 321. Helfenstein, V. W.
Box 201
Phone: OA 7-1213

MURRAY HILL

- 322. Smit & Sons Inc., J. K.
Phone: SU 6-7210

NEPTUNE

323. Barksdale Co.
410 Morrissey Rd.
Shark River Hills
Phone: OL 9-1066

NEWARK

324. A & F Cutter Corp.
91 Edison Pl. (2)
Phone: MA 3-0566
325. Abrasive Machine & Supply Co.
261 South St. (5)
Phone: MA 2-3213
326. Ace Drill Bushing Co.
611 Mulberry St. (2)
Phone: MI 2-3006
327. Allis-Chalmers
1060 Broad St. (2)
Phone: MA 3-7170
328. Alloy Roads Co.
165 Oraton St. (4)
Phone: HU 5-8600
329. Aluminum Co. of Amer.
744 Broad St. (2)
Phone: MA 4-3800
330. American Tool & Specialty Co. Inc.
317 Halsey St. (2)
Phone: MI 2-7609
331. Bearings Inc.
604 Ferry St. (5)
Phone: MA 2-6076
332. Bellows-Valvair
1060 Broad St. (2)
Phone: MI 3-8334
333. Black & Decker
868 Broadway (4)
Phone: HU 2-8676
334. Bliss & Laughlin Inc.
1422 Federal Trust Bldg.
(2)
Phone: MA 3-5111
335. Bobker Bearing Co. Inc.
248 Central Ave. (4)
Phone: MI 2-0882
336. Brady Co., W. H.
449 Broad St. (2)
Phone: HU 4-6330
337. Brightboy Industrial Div.
93-99 N. 13th St. (7)
Phone: HU 2-7812
338. Bristol Co., The
744 Broad St.
Phone: MI 3-6833
339. Campbell, Don
81 Bloomfield Ave.
Phone: HU 3-8400
340. Chicago Rawhide Mfg. Co.
400 Delancy St.
Phone: MA 4-0870
341. Clark Equip. Co.
357 Wilson Ave. (5)
Phone: MI 3-1920
342. Clark, William D.
400 Delancy St. (5)
Phone: MA 3-8550-8551
343. Clarke's Saw & Machine Works
657-659 McCarter Hi-Way
(5)
344. Cleco Air Tools
75 Lock St. (3)
Phone: MA 3-0692
345. Cutler-Hammer Inc.
315 Sherman Ave.
Phone: BI 8-3965
346. Dale Tool & Supply Inc.
16 Gotthart St. (5)
Phone: MA 2-8224
347. Danahy, Joseph M.
806 DeGraw Ave.
Phone: HU 2-6174
348. Decherts Machine Shop Inc.
182 Vanderpool St. (5)
Phone: BI 3-4747
349. DeWitt Equip. Corp.
188-190 Elizabeth Ave.
(8)
Phone: BI 3-8951
350. Diversey Corp., The
400 Frelinghuysen Ave.
(13)
Phone: BI 8-5582
351. Dixon Inc., William
32-36 E. Kinney St. (1)
Phone: MA 3-0426
352. Dodge-Newark Supply Co. Inc.
281 Market St. (5)
Phone: MA 2-1750
353. Dooner & Smith Chemical Co.
374 Mulberry St.
Phone: MA 3-1905
354. Eastern Cutter Corp.
30-32 Littleton Ave. (7)
Phone: MA 2-2176
355. Eldon Hardware Co. Inc.
66½ Mott St. (5)
Phone: MA 3-4717
356. Electra Motors Inc.
1507 National Newark Bldg. (2)
Phone: MA 3-2735
357. Essex Machine Tool Supply
331 Mulberry St.
Phone: BI 8-7800
358. Essex Welding Equip. Co.
17-19 Tichenor Lane (5)
Phone: BI 8-7800
359. Exact Weight Scale Co., The
400 Delancy St. (5)
Phone: MA 3-8550-8551
360. Garden State Machinery Corp.
442 Frelinghuysen Ave.
(12)
Phone: TA 4-1800
361. General Electric Co.
520 Broad St. (2)
Phone: MA 4-4144
362. General Electrical Equip. Co.
326 Frelinghuysen Ave.
Phone: BI 2-2305
363. Glaubinger Co., Norman C.
234 Emmet St. (5)
Phone: TA 4-3100
364. Grammer, Dempsey & Hudson Inc.
212 Rome St. (5)
Phone: MA 2-7911
365. Hayes, H.
972 Broad St. (2)
Phone: MA 2-5877
366. Heller Tool Co.
365 Jelliff Ave. (8)
Phone: BI 8-2225
367. Hochman & Co., Ralph
52 Edison Pl. (2)
Phone: MI 3-8430
368. Industrial Bolt & Nut Co.
171 Fabyan Pl. (12)
Phone: ES 4-4300
369. Ipsen Industries Inc.
666 Clinton Ave. - Room 2
Phone: ES 1-0420 or 1-0421
370. Ironbound Saw Co.
29 Union St.
Phone: MA 2-6938
371. James-David Distributors
551 Market St. (5)
Phone: MA 3-0419
372. Jarett Compressor & Equip. Co.
275 Central Ave. (3)
Phone: HU 5-8500
373. Johnson Bronze Co.
227 High St. (2)
Phone: HO 2-2996
374. Jones & Auerbacher Inc.
46-48 Edison Pl. (2)
Phone: MA 2-1124-25
375. Jones & Laughlin Steel Corp.
Raymond Commerce Bldg.
(2)
1180 Raymond Blvd.
Phone: MI 3-6604
376. Keller Co., George J.
154 Howard St. (3)
Phone: MA 2-1124-25
377. Kellow Co.
1060 N. Broad St. (2)
Phone: MA 3-1503
378. Kendall, James M.
52 Walnut St. (2)
Phone: MA 2-4493
379. Klenzie & Hahn
54 E. Kinney St.
Phone: MA 2-0860
380. Krieg Co., Chas. W.
416 Central Ave. (7)
107-11 Vesey St.
Phone: MA 2-3032
381. L. R. Metal Treating Corp.
400 Delancy St. (5)
Phone: MA 2-3533
382. Logan Co.
400 Delancy St. (5)
Phone: MA 2-3533
383. Marathon Electric Mfg. Corp.
1245 McCarter Hwy. (4)
Phone: HU 2-9233-4

NEWARK (cont.)

384. Metal Finish Inc.
410 Frelinghuysen Ave.
(12)
Phone: BI 2-6211-2-3
385. Miller Fluid Power Div.
17 Williams St.
Phone: MA 2-6868
386. Monahan & McCann
100 Roanoke Ave.
Phone: MA 2-1872
387. Moore Distributors, A. A.
Building 186 - S. Side
Phone: MI 2-1822
388. Morris Machinery Co.
93 Chestnut St. (5)
Phone: MI 2-1122
389. Morton Co., A. N.
1060 Broad St.
Phone: MA 3-1503
390. Morton, Harry E.
972 Broad St.
Phone: MA 2-8094
391. Mueller Brass Co.
Mueller Brass Bldg.
364-372 Elizabeth Ave.
(12)
Phone: BI 8-2255-6-7
392. Muenz Co., Oscar A.
99 Lincoln Park (2)
Phone: MI 2-8530
393. Munning & Munning Inc.
202 Emmett St. (5)
Phone: BI 8-2658
394. National Acme Co., The
1060 Broad St. (2)
Phone: MA 3-1612
395. Oldham Corp., The Gordon V.
744 Broad St. (2)
Phone: MA 2-7990
396. Pangborn Corp.
1025 Broad St. (2)
Phone: MI 2-2461
397. Pearce & Co., George M.
357 Wilson Ave. (5)
Phone: MI 2-3267
398. Plating Products Co. Inc.
352 Mulberry St. (2)
Phone: MA 3-3392
399. Porter-Cable Machine Co., The
359 S. Orange Ave.
Phone: MI 2-5730
400. Producto Machine Co., The
Phone: MI 2-1773
401. Reliance Equip. Co.
65 McWhorter St. (5)
Phone: MA 3-3875
402. Reynolds Metals Co.
Room 824, 744 Broad St.
Phone: MI 2-5461
403. Robinson Co. Inc., William
7 Brown St. & Lister Ave.
(5)
Phone: MI 2-0511, 0512
404. Rosan Inc.
Bldg. 1, Room 233
Newark Airport (5)
Phone: MA 4-3201
405. Rotor Tool Co., The
18 Williams St.
Phone: MA 2-4199
406. Ryno Co., H. Wilson
1060 Broad St. (2)
Phone: MI 2-0208
407. Safeguard Industrial Equip. Co.
271 Verona Ave. (4)
Phone: HU 2-9656
408. Schultz & Anderson Co.
109 Edison Pl.
Phone: MA 2-4317
18-19-20
409. Seither & Ellis Inc.
228 Ferry St.
Phone: MA 4-4700
410. Selas Corporation of Amer.
9 Clinton St. (2)
Phone: MA 3-5226
411. Sims & Assoc., William K.
24 Commerce St., Room
1322 (2)
Phone: MI 2-1969
412. Snap-on Tools Corp.
823 Sandford Ave. (6)
Phone: ES 5-3197
413. Squier, Schilling & Skiff
415 Plane St. (2)
Box 180
Phone: MA 4-1200

NEW JERSEY

414. Sun Oil Co.
436 Doremus Ave. (5)
Phone: MI 3-8300
415. Sykes Machine & Gear Corp.
744 Broad St. (2)
Phone: MA 3-3290
416. Tapmatic Eastern Sales
99-101 Lincoln Park (2)
Phone: MI 2-8532
417. Tek Bearing Co.
100 Washington St.
Phone: MA 3-3322
418. Thor Power Tool Co.
1 Tichenor Lane, Cor.
Parkhurst (5)
Phone: BI 8-1117
419. Truesdell Co., The
790 Broad St. (2)
Phone: MI 3-6602
420. Twin Disc Clutch Co.
15-17 Fenwick St. (12)
Phone: BI 3-0251
421. Universal Engrg. Sales Co.
1060 Broad St.
Phone: MI 3-0417
422. Wales Stripit Inc.
1180 Raymond Blvd.,
Room 1922
Phone: MA 4-4750
423. Wehrheim Machinery Co.
443 Broad St.
Phone: HU 2-2334
424. Weisinger & Co., Don
972 Broad St. (2)
425. Wilcox-Slidders Inc.
344 Mulberry St. (2)
Phone: MA 2-7591
426. Wyckoff Steel Co.
722 Frelinghuysen Ave.
(12)
Phone: BI 8-2277
427. Yecies & Sons, Louis D.
110 Pacific St. (5)
Phone: MI 2-3660

NEW BRUNSWICK

428. Lincoln Hardware & Supply
109 Albany St.
429. Mercury Paint & Chemical Co.
P. O. Box #70
Phone: CL 7-2277
430. Metro Electrical Supply Corp.
78 Neilson Ave.
Phone: CH 9-4605
431. Morrison Steel Co.
475 Jersey Ave.
Phone: CH 7-8400
432. Slingman Industrial Supply Co.
143 Neilson St.
Phone: CH 9-3500
433. Tek Bearing Co. Inc.
157 French St.
Phone: CH 9-5200

NEW MILFORD

434. King, Richard G.
353 Luhmann Dr.
Phone: CO 1-7591
435. Leach, Stratton W.
277 B Reichelt Rd.
Phone: CO 1-6356

NEWTON

436. Teller, Ray
Box 411, R. D. #1

NORTH ARLINGTON

437. B. J. Assoc.
2 Grand Union Plaza
Phone: WY 1-2412
438. Farrell Gage Co.
28 Argyle Pl.
Phone: KE 2-1314

NORTH BERGEN

439. Hammer Co., Charles
5301 Hudson Blvd.
Phone: UN 7-3439

NORTH PLAINFIELD

440. Laurel Wholesale Hardware Co.
357-71 Somerset St.

SALES OFFICES

NEW JERSEY

NORTH PLAINSFIELD (cont.)

441. Magnetics Inc.
172 Dahlia Terrace
Phone: PL 7-0182

NUTLEY

442. Branson Metropolitan Office
349 Franklin Ave.
Phone: NO 7-7400
443. DoAll Co., The
88 Park Ave. (10)
Phone: NU 2-6767
444. Electrical Manufacturers
Service
18 Yale St. (10)
Phone: NO 7-2541
445. Stoddard & Sons, H. W.
165 Franklin Ave. (10)
Phone: NO 7-1200
446. Triangle Equip. Co. Inc.
45 River Rd.
Phone: NO 7-5665

OAKLYN

447. Stone Engrg. Co., H. E.
2 E. Haddon Ave.
Phone: CO 5-2354

OAK VALLEY

448. Nelson, R. W.
336 Harvard Ave.

ORADELL

449. Getz Machinery

ORANGE

450. Dodd, Val
Box 223
Phone: HU 3-2100
451. Morse Chain Co.
361 Main St.
Phone: OR 2-6450
452. Sirmay, Frank J.
445 Central Ave.
Phone: OR 7-3330

PALISADES PARK

453. Benson & Church Co.
23 Broad Ave.
P. O. Box 94
Phone: WH 5-8650
454. Nelson Stud Welding Div.
479 Eleventh St. & Edsall
Blvd.
Phone: WI 7-2291
455. Secure Fastener & Tool Co.
131 Fair St.
Phone: WI 7-3636

PALMYRA

456. Palmyra Foundry Co. Inc.
Arch Street Sta.
Phone: TA 9-0161
457. Schmidt Inc., Geo. T.
700 Washington Ave.
Phone: TA 9-0311

PARK RIDGE

458. Continental Screw Co.
P. O. Box 101
Phone: Park Ridge 6-3080

PASSAIC

459. A & J Friedman Supply Co.
838 Main Ave.
460. Central Engrg. & Supply Co.
834 Main Ave.
461. N. J. Engrg. & Supply Co.
577 Main Ave.
P. O. Box 688
Phone: PR 7-7200
462. Wholesale Hardware Co.
Inc.
175 Central Ave.
Phone: PR 3-0800

PATERSON

463. Aeroquip Corp.
135 E. Railway Ave.
Phone: MU 4-7030
464. Bernstein Bros. Inc.
1-17 Keen St. (4)
Phone: MU 4-6711
465. Gits Brothers Mfg. Co.
489 W. 30th St.
Phone: AR 8-3131
466. Machinery Erectors Corp.
21 Camden St.

467. Passaic County Steel

- Service Inc.
21 N. 1st St. (2)
Phone: LA 3-1111
468. Phillips Co., Lawrence
P. O. Box 2534
194 Lakewood Ave. (3)
Phone: MU 4-4173
469. Precision Supply Co. Inc.
292 Belmont Ave.
Phone: LA 5-7922
470. Ten Hoeve Brothers
859 McLean Blvd.
471. Van Duren Supply Co.
33-39 Fair St. (1)
P. O. Box 1426

PAULSBORO

472. Sun Oil Co.
Clonmell St., S. Of Dela-
ware St.
Phone: HA 3-2400

PENNSAUKEN

473. Continental Screw Co.
2657 Finlaw Ave.
Phone: NO 2-8735

PENNS GROVE

474. Willis Co. Inc., R. F.
7 Oak St.

PERTH AMBOY

475. Central Jersey Supply Co.
801 2nd St.
Phone: 4-7400
476. E & B Mill Supply Co.
267 New Brunswick Ave.
Phone: HI 2-6800
477. Industrial Welding Supply
Co.
410 Fayette St.
Phone: VA 6-2283, 6-3330
478. Madsen & Howell
313 Madison Ave.
Phone: VA 6-4000
479. O. K. Electric Supply Co.
224 Washington St.
Phone: VA 6-6100

PLAINFIELD

480. Humble, A. R.
96 Fairview Ave.
Phone: PL 5-4450
481. Jersey Welding Supply Co.
234 E. 3rd St.
Phone: PL 4-9308
482. Mack Mfg.
P. O. Box 952
483. Metz, Helmer
524 Cambridge St.
Phone: PL 6-4213
484. Paull, Ernest H.
705 Park Ave.
Phone: PL 5-4440
485. Seaboard Assoc.
900 North Ave.
Phone: PL 6-8800

PLAINVIEW

486. Spindler, Thomas J.
P. O. Box 613

POMPTON LAKES

487. Pridmore, Fred
115 Ramapo Ave.
Phone: TE 5-0134
488. Dowgin, R. V.
714 Hamburg Tpke.
Phone: TE 5-6501

POMPTON PLAINS

489. Fostoria Corp.
35 Washburn Rd.
Phone: TE 5-5573

PRINCETON

490. Punnett Co., W. M.
74 Deer Path
Phone: WA 1-6766

RAHWAY

491. Purolator Products Inc.
970 New Brunswick Ave.
Phone: FU 8-4000

RAMSEY

492. Carol Machine Tool Co.
Box 300
493. Heap, James
155 Momar Dr.
Phone: DA 7-1535

RIDGEFIELD

494. Brown & Sharpe Cutter Ser-
vice Co.
590 Grand Ave.
P. O. Box 432
Phone: WH 3-0661
495. General Radio
Broad Ave. at Linden
Phone: WH 3-3140
496. Indiana Commercial Filters
663 Grand Ave.
Phone: WH 5-8490
497. Meyer Hardware Co., A. W.
Broad & Edgewater Ave.
Phone: WH 5-5500
498. Minn. Mining & Mfg. Co.
700 Grand Ave.
Phone: OX 5-5520
499. Unisco Inc.
1061 Linden Ave.
Phone: WH 3-3220

RIDGEWOOD

500. Burgmaster Eastern Sales
Div.
86 N. Maple Ave.
Phone: GI 4-3002
501. Engel & Assoc., G. Curtis
210 S. Broad St.
Phone: GI 4-1400
502. Harck, W. C.
105 Pershing
Phone: GI 4-2511
503. Hinze, Roger S.
309 Dayton St.
Phone: GI 4-7505
504. Reilly & Co., Thomas J.
P. O. Box 150
Phone: GI 5-3788
505. Upton, Jr., Joseph
914 Glenview Rd.
Phone: GI 4-5813
506. Vard-Smith Assoc.
10 Wilsey Square
Phone: OL 2-1266

RIVER EDGE

507. Milo, Joseph H.
431 Kinderkamack Rd.
Phone: CO 1-6094
508. Standard Gage Co. Inc.
954 Kinderkamack Rd.
Phone: CO 2-1770

RIVER VALE

509. High Speed Hammer Co.
Inc., The
642 Jones Rd.
Phone: PR 9-0459

ROCHELLE PARK

510. National Abrasive Sales
6 Prospect Ave.
P. O. Box 121
Phone: HU 7-3540

ROSELLE

511. Acheson Colloids Co.
111 E. 1st Ave.
Phone: CH 1-0952
512. Ingersoll-Rand Co.
360 W. 1st St.
Phone: CH 1-2500

ROSELLE PARK

513. Nelson, A. E.
3 E. Westfield Ave.
Phone: CH 1-0678

RUTHERFORD

514. Benowitz Hardware Co., Ira
104-108 Park Ave.
Phone: WE 9-3300
515. Forrest Mfg. Co. Inc.
231 State Hwy. #17
Phone: WE 9-2564
516. Holliday-Hathaway Co. Inc.
9 Lincoln Ave.
Phone: WE 9-7217
517. Morse Electronic Assoc. Inc.
P. O. Box 83
Phone: WE 9-1159
518. Polymer Corp. of Pa., The
19 Franklin Pl.
Phone: WE 3-2333
519. Riggio Co. Inc., Frank D.
31 State Hwy. 17
P. O. Box 234
Phone: WE 9-8450

SCOTCH PLAINS

520. Harrington-Wilson-Daum
Corp.
P. O. Box 55
Phone: FA 2-5732
521. Weigle, Raymond
29 Homestead Terrace
Phone: FA 2-4547

SECAUCUS

522. Grayson-List & Co.
State Hwy. 3
Phone: UN 4-8500

SHORT HILLS

523. Meade Co., B. S.
630 Morris & Essex Tpke.
Phone: DR 6-1311

SOMERVILLE

524. Somerville Electrical Sup-
ply Co.
375 S. Bridge St.
Phone: RA 2-0800

SOUTH AMBOY

525. Sun Oil Co.
Augusta St.
Phone: PA 1-2300

SOUTH BOUND BROOK

526. Leenaarts, Jack
10 Von Steuben Lane

SOUTH MERCHANTVILLE

527. Ryan Tool Supply
6 Glen Lane, Murray
Manor
Phone: NO 3-1372

SOUTH ORANGE

528. Leland-Gifford Co.
75 S. Orange Ave.
Phone: SO 2-4384

SPRINGFIELD

529. Bryant Chucking Grinder
Co.
36 Commerce Ave.
Phone: DR 6-3450
530. Cleveland Automatic Ma-
chine Co., The
43 Commerce St.
Phone: DR 6-5990
531. De Vilbiss Co., The
10 Stern Ave.
Phone: DR 6-7900
532. Ex-Cell-O Corp.
36 Commerce St.
Phone: CO 7-2384 or
DR 6-3450
533. Hardinge Brothers Inc.
44 Commerce St.
Phone: DR 6-2530
534. Montgomery & Co. Inc.
401 Morris Ave.
Phone: DR 6-4767
535. Starrett Co., The L. S.
48 Commerce St.
Phone: DR 6-3233
536. Universal-Cyclops Steel
Corp.
40 Stern Ave.
Phone: DR 6-3000
537. Vickers Inc.
51 Springfield Ave.
Phone: DR 6-3500

SUCCASUNNA

538. Sternick, M. J.
26 Avon Terrace
Phone: JU 4-8511

SUMMIT

539. Engineered Sales Co.
21 Chatham Rd.
P. O. Box 328
Phone: CR 3-6735-6-7-8
540. Metz, J. A.
19 Madison Ave.
Phone: CR 3-2189
541. Potter, R. A.
64 Woodland Ave.
Phone: CR 7-0220
542. Sundstrand Machine Tool
89 Summit Ave.
Phone: CR 3-7561

SALES OFFICES

TEANECK

543. Hydraulic Press Mfg. Co.,
The
352 Cedar Lane - Box 25
Phone: TE 6-1613
544. Miller, Le Roy B.
452 Wyndham Rd.
545. Tracerlab Inc.
254 Teaneck Rd.
Phone: TE 3-1443
546. Udoff, Victor
268 Griggs Ave.
Phone: TE 6-5566

TENAFLY

547. Berkshire Co., Harry R.
428 Tenafly Rd.
Phone: LO 7-3800

TETERBORO

548. Behr-Manning Co.
Green & North Sts.
Phone: AT 8-1771
549. Boston Gear Works
400 Hollister Rd.
Phone: AT 8-9535
550. Gardner-Denver Co.
700 Huyler St.
Phone: AT 8-9151
551. Navi-Trol Corp.
30 Henry St.
552. Norton Co.
Green & North Sts.
Phone: AT 8-1771
553. SKF Industries Inc.
20 Henry St.
Phone: AT 8-1700

TRENTON

554. Abbey Etna Machine Co.
18 Barnett Rd.
Phone: EX 4-7137
555. Armstrong Industrial Supply Co.
2197 Spruce St.
Phone: TR 3-7165
556. Barnes Corp., John S.
132 E. Hanover St.
Phone: EX 2-5608
557. Bellows-Valvair
32 N. Hermitage Ave. (8)
Phone: OW 5-7139
558. Cleveland Tramrail Wiley-Hughes Co.
801 New York Ave. (8)
Phone: EX 3-4273
559. Cutler-Hammer Inc.
39 Meadowbrook Ave.
Phone: LY 9-9170
560. Delco Products Div.
93 Ward Ave., Ext. (9)
Phone: JU 7-2600
561. De Laval Steam Turbine Co.
Nottingham Way (2)
Phone: JU 7-5000
562. Flow Co., The
Broad Street Bank Bldg.
Phone: EX 4-2154
563. Gainsburg & Son, E. C.
1812 N. Olden Ave. Ext. (8)
Phone: EX 3-8018
564. General Electric Co.
214 E. Hanover St. (8)
565. Griffith Electric Supply Co.
S. Broad & 2nd Sts. (10)
Phone: OW 5-8525
566. Lindsay-Oberholzer Co.
1764 N. Olden Ave. (8)
Phone: OW 5-5467
567. Manufacturers Selling Co.
80 N. Olden Ave. (8)
568. Mill Supply & Hardware Co.
285-289 N. Willow St. (7)
P. O. Box 1722
Phone: OW 5-5471
569. Moffatt Bearings Co.
1609 N. Olden Ave. Ext. (8)
Phone: OW 5-3484
570. Olden Supply Co.
1531 N. Olden Ave. Ext. (8)
Phone: EX 3-8390
571. Para Lab. Supply Co.
P. O. Box 1960
572. Sinclair Industrial Supply Co.
968 E. State St.
P. O. Box 452
Phone: EX 2-5191-2-3

SUN OIL CO.

- Sunport St. (5)
Phone: OW 5-6164
574. Trenton Bearings Co.
1812 N. Olden Ave. Ext. (8)
Phone: TU 2-2300
575. Warren-Balderston Co. Inc.
325 N. Willow St.
Phone: EX 4-5343
576. Wiley-Hughes Supply Co.
New York Ave. & Spruce St.
P. O. Box 878
Phone: EX 3-4273

UNION

577. A.B.C. Sales Co.
711 Lehigh
Phone: MU 6-9150
578. Brown & Sharpe Mfg. Co.
1275 Stuyvesant Ave.
Phone: MU 6-8750
579. Cleveland Tramrail Newark Co.
P. O. Box 351
Phone: MU 6-1827
580. Croft Tools Inc.
2165 Morris Ave.
P. O. Box 154
Phone: MU 8-2270
581. Daystrom Inc.
Route 22 & Caldwell Ave.
Phone: MU 8-2026
582. Dayton Perforators Inc.
2165 Morris Ave.
Phone: MU 6-7364
583. Duff & Co., Gerald B.
2165 Morris Ave.
Phone: MU 6-1747
584. Elgin National Watch Co.
711 Lehigh Ave.
Phone: MU 6-9150
585. Federal Products Corp.
2165 Morris Ave.
Phone: MU 8-8775-6-7
586. General Controls Co.
1024 Springfield Rd.
Phone: MU 6-8860
587. Jolly, Richard H.
2165 Morris Ave.
Phone: MU 6-1433
588. Lincoln Electric Co., The
971 Lehigh Ave.
Phone: MU 6-1220
589. Linde Co.
2065 Route 22
590. Micro Switch Div.
U.S. Route 22 at Springfield Line
Phone: MU 8-8740
591. Stokes Corp., F. J.
2165 Morris Ave.
Phone: MU 8-2345

UNION CITY

592. Golzio, Ralph J.
2902 Bergenline Ave.
Phone: UN 5-1155

UPPER MONTCLAIR

593. Gilbreth & Co., D. B.
P. O. Box 854
248 Lorraine Ave.
Phone: PI 4-7111
594. Lanaman, Garry
P. O. Box 84-205
Watchung Ave.
Phone: PI 6-9540

WATCHUNG

595. Hornbruch Assoc.
22 East Dr.
Phone: PI 5-0500

WEST CALDWELL

596. Crucible Steel Co. of Amer.
P. O. Box 556
25 Greenbrook Rd.
Phone: CA 6-9300
597. Smith, Harold M.
162 Central Ave.
Phone: CA 6-2395

WEST ENGLEWOOD

598. General Tool & Supply Co. Inc.
202 Englewood Ave.
Phone: TE 3-0700

599. Green Co., Oliver J.
1407 Palisades Ave.
Phone: TE 7-4462

WESTFIELD

600. High Precision Products Co.
902 Carleton Rd.
Phone: WE 2-0850
601. Kimmell Industrial Sales & Engrg., O. K.
700 Crossway Pl.
P. O. Box 98
Phone: AD 3-0550
602. Knotts Co., K. E.
200 North Ave.
Phone: AD 2-8700
603. Lobkowitz Machinery Co.
24 Prospect St.
Phone: AD 3-1232
604. MacPherson Co., F. A.
P. O. Box 421
Phone: AD 3-3977
605. Selvig, R. W.
560 Sherwood Parkwy.
606. Spaulding Fibre Co. Inc.
113 Central Ave.
Phone: AD 2-7250
607. Sturmer, Walter E.
141 Elmer St.
Phone: AD 2-0017

WESTMONT

608. Bancroft & Co. Inc., H. S.
208 Cooper St.
Phone: UL 4-8000

WEST NEW YORK

609. Amer. Metaseal Corp.
607 - 65th St.
Phone: UN 7-3426

WEST ORANGE

610. Dodd, Val
28 Oxford Terrace
Phone: HU 3-2100 or RE 1-6140
611. Lewis, Franklin A.
368 Gregory Ave.
Phone: PE 1-6249
612. Russell, Holbrook & Henderson Inc.
P. O. Box 73
90 Northfield Ave.
Phone: OR 7-0807

WEST TRENTON

613. Zedlitz, Werner
RBC, Sullivan Way
Phone: EX 3-7191

WESTWOOD

614. Dalldorf, Paul F.
633 Repetti St.
Phone: NO 6-1004
615. Snow Co., Ferdinand J.
381 Broadway
Phone: WE 5-3271

WOODBIDGE

616. Hansen & Yorke Co. of N. J.
455 Green St.
Phone: ME 4-4000

WOOD-RIDGE

617. Curtiss-Wright Corp.
Passaic & S. Main
Phone: PR 7-2900

WYCKOFF

618. Allan, James
285 Monroe Ave.
Phone: TW 1-3746

NEW MEXICO

6. Associated Engineers
614 1/2 Fitzgerald Rd., NW.
Phone: DI 4-7661
7. Austin-Pruden Co.
615 Virginia St., SE.
Phone: AL 6-6145
8. Black, Ralph R.
721 Loma Vista Dr., NE.
Phone: 5-3625
9. Bowen & Cariberg
2228A San Mateo Blvd., NE.
P. O. Box 3177, Station D
Phone: AL 5-4603
10. Boyd Industrial Engrg. Inc.
112 W. Granite St., NE.
Phone: CH 3-2247
11. Braun Chemical Co.
121 7th St., NW.
12. Brunner & Lay Inc.
2224 Broadway, SE.
Phone: CH 3-2730
13. Carder, Jr. Co., The John
P. O. Box 808
Phone: CH 2-3581
14. Carrier Corp.
8200 1/2 Menaul Blvd., NE.
Phone: AX 9-4248
15. Equip. Sales & Mfg. Co.
1018 4th St., NW.
P. O. Box 1753
Phone: CH 3-6766
16. Flournoy Co.
2216 1st, NW.
Phone: CH 7-3940
17. Garrett Supply Co.
3513 Central Ave., SE.
Phone: AM 8-8968
18. General Electric Co.
323 3rd St., SW.
Phone: CH 3-3741
19. Gorman Engrg. Co.
1330 12th St., NW.
P. O. Box 743
Phone: 7-1586
20. Harrison Co. Inc., R. L.
1801 4th St., NW.
P. O. Box 1320
21. Hendrie & Bolthoff Co.
500 W. Tijeras
22. Hunter-Hayes Elevator Co.
P. O. Box 1006
23. Industrial Supply Co.
1647 2nd St., NW.
P. O. Box 1125
Phone: CH 3-3517
24. Korber & Co., J.
P. O. Box 486
25. Ladd, Lon
5707 Princess Jeanne, NE.
Phone: AL 5-5751
26. Landes, Zachary & Peterson Co.
5900 Domingo Rd., NE.
P. O. Box 3245, Station D.
Phone: AL 6-9449
27. Log Cutters Supply Co.
6608 2nd St., NW.
Phone: DI 4-2659
28. Metal Goods Corp.
2816 Virginia Ave., NE.
29. Mine & Smelter Supply Co.
701 Haines Ave., NW.
Phone: CH 7-4141
30. Monette, Elmer W.
1604 Hendola Dr., NE.
Phone: AM 8-8968
31. Montezuma Bearing Co.
1413 First, NW.
P. O. Box 783
Phone: CH 7-6223
32. Morris Steel & Supply Co.
222 Broadway, SE.
P. O. Box 241
Phone: 2-4452
33. New Mexico Steel Co.
510 Marquette, NW.
P. O. Box 691
Phone: CH 3-3596
34. Overgard Machinery Co.
1617 Gold, SW.
Phone: CH 3-5323
35. Pound Brothers
412 Marble Ave., NW.
Phone: CH 3-7741
36. Riley, Lawrence
318 Stanford Dr., SE.
Phone: CH 2-9467

SALES OFFICES

NEW MEXICO

ALBUQUERQUE (cont.)

37. Rio Grande Sales Co.
2513 Rio Grande Blvd.,
NW.
Phone: DI 4-4118
38. Roadrunner Equip. Co.
143 Coors Blvd., SW.
Phone: CH 2-8425
39. Roth Tool & Supply Co.,
C. & E.
2007 1st St., NW.
Phone: CH 3-1543
40. Southwest Machine Tool
Corp.
8807 Cordova Ave., NE.
Phone: CH 2-4127
41. Spencer Co. Inc., Paul R.
P. O. Box 1633
Phone: CH 2-4127
42. Steel & Engrg. Products Co.
5900 Domingo Rd., NE.
P. O. Box 8026, Station C
Phone: AL 6-9612
43. Tindall & Co.
7114 Central Ave.
P. O. Box 6233
Phone: AL 5-7818
44. United Chemical & Scientific
Corp.
4123 Silver, SE.
Phone: AL 5-7620
45. Valley Welders Supply Co.
2110 2nd St., SW.
Box 924
Phone: CH 2-5277
46. Vincent, A. E.
2008 Wisconsin, NE.
Phone: AX 9-5839

CARLSBAD

47. Hall Machine & Welding Co.
102 W. Mermod
Phone: TU 5-4224
48. Mine Supply Co., The
402 S. Main
Phone: TU 5-4224
49. New Mexico Welding Sup-
ply Co.
P. O. Box 382
402½ S. Main St.
P. O. Box 348
Phone: 5-3138

CLOVIS

51. N. M. Welding Supply Co.
P. O. Box 946

FARMINGTON

52. Justis Supply Co. Inc.
800 Block E. Main
Box 247
Phone: DA 5-3551-2,
DA 5-2351
53. Valley Welders Supply Co.
421 E. Broadway

HOBBS

54. Morrissey, A. J.
915 Pecan Dr.
Phone: EX 3-8009
55. N. M. Welding Supply Co.
Box 1133

LAS CRUCES

56. Valley Welders Supply Co.
811 N. 2nd St.

SANTA FE

57. Herrmann Assoc., Carl
319-2A San Francisco St.
Phone: YU 2-2881
58. Hunter-Hayes Elevator Co.
1305 Declovina
P. O. Box 4116

SILVER CITY

59. Dye Oxygen Co.
1425 Grant St.

NEW YORK

ALBANY

1. Albany Calcium Light Co.
287 Hudson Ave. (10)
2. Albany Hardware & Iron Co.
Broadway at Arch St.
Phone: HE 4-6131
3. Albany Welding Supply Co.
20 Center St.
Phone: 5-7351

4. Allen-Bradley Co.
1547 Central Ave. (5)
Phone: UN 9-8363
5. Aluminum Co. of Amer.
90 State St. (7)
Phone: 4-0146
6. Baker, Harry W.
1547 Central Ave. (5)
Phone: UN 9-8671
7. Bellows-Valvair
323 Central Ave. (6)
Phone: HO 5-1365
8. Bethlehem Steel Co.
National Savings Bank
Bldg.
90 State St. (7)
Phone: HE 4-2151
9. Carae Electric Corp.
P. O. Box 4127, Patroon
Station (4)
Phone: HO 2-5364
10. Cenci, John
9 Kelly Ave. (3)
Phone: 8-8811
11. Cleveland Tramrail Syra-
cuse Co.
2 Gabriel Terrace (3)
Phone: IV 2-7429
12. Cutler-Hammer Inc.
90 State St. (7)
Phone: AL 4-4242
13. Day Co., Royce W.
P. O. Box 757, Schenecta-
dy Rd.
Phone: ST 5-9840
14. Detroit Supply Co.
80 Central Ave.
Phone: HO 5-2255
15. Disbrow, Benj.
111 Winthrop Ave.
Phone: AL 2-7156
16. Eastern Metals Warehouse
Inc.
P. O. Box 910 (1)
Phone: IV 9-3281
17. General Electric Co.
8 Colvin Ave. (3)
Phone: IV 9-4776
18. Guaranteed Batteries of Al-
bany Inc.
20 Center St.
Phone: HE 4-6643
19. Keyian Co., R. A.
512 Bradford St.
Phone: 8-4666
20. Leeds & Northrup Co.
1547 Central Ave. (5)
Phone: UN 9-8079
21. Lincoln Electric Co., The
1993 Central Ave., 1-C (5)
Phone: UN 9-9364
22. Mechanical Products of Al-
bany Inc.
23 Pinehurst Rd.
Phone: AL 2-7251
23. Mobil Oil Co.
40 Steuben St. (1)
Phone: HE 4-2111
24. Oakite Products Inc.
163 Dongan Ave. (2)
Phone: HE 4-5045
25. Peabody, Arthur E.
260 Delaware Ave.
Phone: HE 4-4592
26. Reynolds Metals Co.
1525 Western Ave. (3)
Phone: AL 2-7320
27. Sager-Spuck Supply Co. Inc.
438-444 S. Pearl St. (1)
P. O. Box 689
Phone: 3-4461
28. Sanders Industrial Equip.
Co.
9 Kelly Ave. (3)
Phone: 8-8811
29. Schenectady Material Hand-
ling Co.
2622 Central Ave. (3)
Phone: UN 9-5202
30. Slade Tractor Co. Inc.
922-926 Broadway (7)
Phone: 3-2189
31. Smith Co. Inc., R. P.
45 N. Lake Ave. (3)
Phone: HO 3-0626
32. Stewart & Son Inc., L. E.
P. O. Box 8038
Phone: IV 2-4095

33. Sun Oil Co.
Riverside Ave.
Hensselaer
Phone: HO 5-1551
34. Tek Bearing Co. Inc.
20 Loudonville Rd.
Box 987
Phone: 5-7568
35. U. S. Gypsum Co.
45 Colvin Ave.
Phone: AL 89-2504
36. Walsh & Sons, Avery M.
P. O. Box 974
Phone: AL 4-7406
37. Wing & Son Corp., R. B.
384 Broadway & Liberty
Phone: 3-4161
38. Woodward Co., The
Tivoli St.

AKRON

39. Covell, Chester B.
141 Main St. (4)
Phone: MU 2300

ALDEN

40. Hercules Packing Corp.
11061 Walden St.
Phone: MU 2300
41. Paco Engrg. Co.
6578 Broadway
Phone: RE 3526

AMSTERDAM

42. Larrabee Co., John E.
3-9 Market St.
Phone: VI 2-7006
43. United Welding Supply Co.
P. O. Box 295

AUBURN

44. Blakeslee & Co., G. S.
12 Morris St.
Phone: 3-9518
45. Mac-It Parts Co.
R. D. 5, Tpk. Rd.
Phone: 2-9182
46. Thomson Mfg. Co., Judson
L.
P. O. Box 372
Phone: 2-8183

BALDWIN

47. Dependable Tool & Service
Inc.
318 N. Grand Ave.
Phone: 3-4181

BALDWINVILLE

48. Kummert, Werner
56 Artillery Lane
Phone: NE 5-9166
49. Sweeney, T. M.
12 Smallwood St.
Phone: NE 5-9842

BAY SHORE

50. Air Powered Tools Inc.
P. O. Box 465
Phone: 7-2616

BAYSIDE

51. Kortvelesy, K. J.
Box 26
Phone: BA 4-8812
52. Sipp, Jack H.
51-16 217th St. (64)
Phone: BA 4-3599
53. Wilton Tool Mfg. Co. Inc.
39-11 215th St. (61)
Phone: BA 5-8595

BEACON

54. Bobrich Products Corp.

BELLE HARBOR

55. Brenner, Melvin
432 Beach 140th St.
Phone: NE 4-7103

BINGHAMTON

56. Babcock, Hinds, & Under-
wood Inc.
174 Washington St.
Phone: 2-6461
57. Binghamton Industrial Sup-
ply
205-207 State St.
P. O. Box 511
Phone: 4-3221
58. General Electric Co.
19 Chenango St.
P. O. Box 931
Phone: 2-3466

59. Gierston Tool Co.
Box 121
60. Holliday-Hathaway Co. Inc.
94 Henry St.
Phone: RA 3-5177
61. Houser Elevator Co., The
239 Water St.
62. Industrial Services Supply
Co.
79 Main St.
Phone: RA 3-7406
63. LeValley McLeod Inc.
358 Water St.
Phone: 2-4263
64. Link Aviation Inc.
Plant 1
65. Millar & Son Co., Charles
State & Susquehanna Sts.
66. Morse Co., Ellis W.
81 State St.
P. O. Box 471
Phone: RA 4-1368
67. Oakite Products Inc.
5 Ellen St., Route 97
Phone: MI 8-5743
68. Sun Oil Co.
P. O. Box 230
Phone: SW 7-2334
69. Syracuse Bearing Co.
5 Jarvis St.
Phone: 3-5469

BLASDELL

70. Wall Colmoney Corp.
21 Seneca St. (19)
Phone: TH 8900

BOSTON

71. Wall, William
P. O. Box 26
Phone: XH 1-3162

BRIGHTWATERS

72. Federal-Mogul Div.
159 S. Bay Ave.
Phone: BA 7-4536
73. Russell Assoc. Inc.
145 Orinoco Dr.
Phone: MO 6-6500

BROCKPORT

74. Britton, George H.
3780 Lake Rd., N.
P. O. Box 33
Phone: BR 585

BRONX

75. Ackerman, Sidney
1424 Fteley Ave. (72)
Phone: TI 2-0065
76. Alto Supply Co.
2510 White Plains Rd.
Are Welding Supply Co. Inc.
467 Bruckner Blvd. (35)
Phone: LU 5-4200
78. Kass Hardware & Supply
Co.
443 E. Tremont Ave.
Phone: CY 9-0080
79. Lour-Reich Sales Co.
2440 Barker Ave.
80. North Amer. Products Corp.
1946 E. Tremont Ave. (62)
Phone: UN 3-2061
81. Ruhle, John W.
379 E. 159th St. (51)
Phone: ME 5-0192

BRONXVILLE

82. Parker, Franklin B.
26 Woodland Ave.
Phone: DE 7-5057

BROOKLYN

83. Aidin, S. S.
2180 Bergen
84. Alroyal Co., The
P. O. Box 53, Ryder Sta-
tion
Phone: ES 7-1018
85. Atlantic & Gulf Equip. Corp.
4101 1st Ave. (32)
Phone: ST 8-8467
86. Bellows-Valvair
536 Broadway (11)
Phone: EV 8-8387
87. Bell Tool & Supply Co.
246 7th Ave.
Phone: SO 8-1855
88. Belmont Smelting & Refin-
ing Works
330 Belmont Ave. (7)
Phone: DI 2-4900

SALES OFFICES

NEW YORK

BUFFALO (cont.)

185. Chicago Pneumatic Tool Co.
132 W. Chippewa St. (2)
Phone: WA 8248
186. Chicago Rawhide Mfg. Co.
1965 Sheridan Dr. (23)
Phone: DE 3770
187. Chippewa Industrial Sales Corp.
118 W. Chippewa St. (2)
188. Cincinnati Milling & Grinding Machines Inc.
Kenrow Bldg.
1179 Kenmore Ave. (23)
Phone: RI 3402
189. Circo Equip. Co.
1051 Clinton St.
Phone: MA 3625
190. Clark Controller Co., The
1283 E. Delavan Ave. (15)
Phone: TA 1484
191. Cleveland Trammell Buffalo Co.
Box 2691, Amherst Station (26)
Phone: UN 4-9880
192. Coffman & Murray Inc.
4025 Bailey Ave. (14)
Phone: WI 4220
193. Columbia Steel & Shifting Co.
2070 Sheridan Dr. (23)
Phone: VI 5051
194. Commercial Chemicals Inc.
211 Hertel Ave. (7)
Phone: DE 5314
195. Coppola, Anthony
960 Amherst St., Apt. 9 (16)
196. Cordovano Co.
405 Rhode Island St. (13)
Phone: EL 7350
197. Coulter Co., Hugh P.
2621 Clinton St.
Phone: 6-7025
198. Cox Co., John C.
528 Blue Cross Bldg. (2)
Phone: MO 5166
199. Crane Packing Co.
1807 Elmwood Ave., Room 105 (7)
Phone: BE 3992
200. Crane Machinery Co., R. L.
438 Delaware Ave. (2)
Phone: SU 3286
201. Crawford Assoc., W. R.
P. O. Box 2642 (26)
202. Cuno Engrg. Corp., The
4548 Main St. (26)
Phone: CI 4306
203. Curbell Inc.
777 Hertel Ave. (7)
Phone: DE 9540
204. Cutler-Hammer Inc.
3385 Harlem Rd. (25)
Phone: AT 4444
205. Davies Industrial Services Inc.
3923 Harlem Rd. (26)
Phone: CI 2104
206. Day Mfg. Co., S. A.
1483 Niagara St. (13)
Phone: EL 7530
207. Daystrom Inc.
4446 Main St. (26)
Phone: CI 3355
208. Detrex Chemical Industrial Inc.
311 Walbridge Bldg. (3)
Phone: MO 7344
209. DoAll Buffalo Co. Inc.
1586 Kenmore Ave. (23)
Phone: RI 3424-3425
210. Durez Plastics Div.
120 Delaware Ave. (2)
Phone: MA 7525
211. Eclipse Air Brush Co.
Prudential Bldg. (2)
Phone: MA 4240
212. Egnot, S.
1006 Prudential Bldg. (2)
Phone: MO 2420
213. Elgin National Watch Co.
1293 Hertel Ave. (16)
Phone: VI 2795
214. Elliott Co., B. K.
1700 Niagara St.
Phone: Empire Controls Inc.
Box 31, Station H (14)
Phone: AT 8162

BROOKLYN (cont.)

122. National Bolt & Nut Co.
1125-1137 Myrtle Ave. (6)
Phone: GL 3-4140
 123. Neitlich Supply Co.
570 4th Ave. (15)
Phone: HY 9-2990
 124. Nelson Inc., A. N.
370 Hamilton Ave. (31)
Phone: MA 5-3860
 125. North Side Leather Belting Co. Inc.
248 Lorimer St. (6)
Phone: EV 7-5067
 126. Paladino Frank
2316 81st St. (14)
Phone: MA 7-1700,
ES 2-7916
 127. Petty & Wherry Inc.
333 Atlantic Ave. (2)
Phone: MA 4-7035
 128. Pulmosan Safety Equip. Co.
644 Pacific St. (17)
 129. S & S Machinery Co.
140 53rd St.
Phone: HY 2-7400
 130. Snap-on Tools Corp.
1033 Utica Ave. (3)
Phone: HY 5-9595
 131. Standard Equip. Co.
3175 Fulton St.
 132. Thorpe Co., John N.
78-80 Middagh St. (1)
Phone: MA 4-4857
 133. Tiebout & Sons Inc., C. H.
Grand St. & Kent Ave.
 134. Tri-State Supply Co.
11 Stone Ave. (33)
Phone: GL 2-1231
 135. Universal Shellac & Supply Co.
540 Irving Ave. (27)
Phone: HY 7-1772
 136. Valley Forge Products Inc.
370 19th St. (15)
 137. Wales Stripplitt Inc.
66 Willoughby St.
Phone: UL 5-7885
- ### BUFFALO
138. Aaron Machinery Co.
251 Broadway
 139. Alden Tool Sales Corp.
1233 Kenmore Ave. (23)
P. O. Box 2354
Phone: BE 6046
 140. Alemite of Buffalo Inc.
26 Goodrich St. (3)
 141. Alexander & Fiden Machinery Co.
1011 Genesee St.
Phone: HU 8006
 142. Allegheny Ludlum Steel Corp.
2960 Main St. (14)
Phone: AT 4355
 143. Allen-Bradley Co.
41 N. Division St. (3)
Phone: CL 7636
 144. Allen Co., F. E.
1315 1/2 Hertel Ave.
Phone: DE 1673
 145. Ailing Equip. Co., The
272 Wood Ave. (11)
Phone: KE 5786
 146. Allis-Chalmers
170 Franklin St. (2)
Phone: WA 1741
 147. Allis Co., The Louis
1807 Elmwood Ave. (7)
Phone: RI 2015
 148. Aluminum Co. of Amer.
1880 Elmwood Ave. (7)
Phone: RI 9700
 149. Amer. Allsafe Co.
1245 Niagara St. (13)
Phone: GA 8300
 150. Amer. Brass Co., The
70 Sayre St. (5)
Phone: RI 1800
 151. Austin-Ford Logan Inc.
1500 Kenmore Ave. (23)
Phone: RI 3770
 152. Belanrol Corp.
313 Niagara St.
Box 59
Phone: MO 4425
 153. Beals, McCarthy & Rogers Inc.
635 S. Park Ave. (5)
Phone: WA 4900

SALES OFFICES

NEW YORK

BUFFALO (cont.)

216. Enos & Sanderson Co., The
2080 Military Rd.
P. O. Box 465
Phone: LU 8200
217. Ex-Cell-O Corp.
4548 Main St. (26)
Phone: CI 3778
218. Farrell Co. Inc., E. D.
603-605 S. Park Ave. (10)
Phone: MA 2025
219. Filtration Unlimited
1660 Kenmore Ave. (23)
Phone: VI 4468
220. Flagus Machinery Co. Inc.
155 Enaminger Rd., Station
B (7)
Phone: RI 9650
221. Fotheringham Inc., W. M.
975-81 Niagara St. (13)
Phone: LI 9088
222. Frontier Machinery Co.
17 Kenview Ave. (17)
Phone: VI 5059
223. Frontier Oil Refining Corp.
800 Ellicott Square (5)
Phone: MO 3220
224. Galvin Machinery
57 Blaine Ave. (8)
Phone: GR 4341
225. Gamble & Gamble
163 Audubon Dr. (26)
Phone: CI 0163
226. Gardner-Denver Co.
4532 Bailey Ave. (26)
Phone: AT 8300
227. Gardner Machine Co.
1807 Elmwood Ave.
Phone: RI 2212
228. General Controls Co.
960 Kenmore Ave. (23)
Phone: VI 0110
229. General Electric Co.
625 Delaware Ave. (2)
Phone: GA 9218
230. Gesner Co., Robert H.
1275 Delaware Ave. (9)
Phone: GA 3150
231. Gibney-Decot Corp.
2107 Kensington Ave.
(21)
Phone: CI 0800
232. Gisholt Machine Co.
495 Ellicott Square Bldg.
(3)
Phone: CL 2518
233. Glaser Corp., The
797 Military Rd. (17)
Phone: RI 3221
234. Goldsmith & Son, T. R.
1507-1509 Main St. (9)
Phone: LI 0028
235. Goll-Hanford Corp.
5544 Main St. (21)
Phone: SP 7200
236. Greater Buffalo Industry
131 Cadman Pl. (21)
Phone: CI 1234
237. Hague Inc., Charles P.
625 Delaware Ave., Room
202 (2)
Phone: GR 2782
238. Harnischfeger Corp.
257 Elmwood Ave. (22)
Phone: SU 0766
239. Harris Welding Equip. Co.
1043 Jefferson Ave. (4)
Phone: LI 0028
240. Hartfield-Healy Supply Co.
420 Niagara St. (1)
Phone: CL 3660
241. Hastings Marking Devices
1655 Jefferson Ave. (8)
Phone: CI 1234
242. Hobart Welder Sales & Ser-
vice
107 Botsford Pl. (16)
Phone: VI 2230
243. Hogue, Richard B.
1660 Kenmore Ave. (23)
Phone: VI 2230
244. Hohl Industrial Sales Co.
Inc.
1540 Niagara St.
Phone: EL 7218
245. Industrial Sales & Engrg.
302 Minnesota Ave. (15)
Phone: UN 1552
246. Industrial Transmissions
Inc.
7 Terrace (2)
Phone: MA 2102
247. Ingersoll-Rand Co.
117 W. Chippewa St. (2)
Phone: CL 6-437-8-9-40
248. J & L
Liberty Bank Bldg. (2)
249. Jessop Steel Co.
131 Cadman Dr. (21)
Phone: PL 2004
250. Johnson Bronze Co.
19 E. Utica St.
Phone: EL 5211
251. Johnson & Son Inc., S. C.
290-302 Larkin St. (10)
Phone: MO 0198
252. Jones Co., Arthur E.
McKinley Bldg., Room
413
259 Delaware Ave.
Phone: WA 0991
253. Kacelau Co., Earl H.
Box 2314 (23)
Phone: PA 7804
254. Karle Saw Co. Inc.
142-50 Chicago St. (4)
Phone: MA 5-053
255. Keep Lift Trucks
133 Hopkins St. (20)
Phone: SO 7865
256. Keller Industrial Products
Inc.
50 Kinsey Ave. (17)
Phone: RI 3938
257. Keller Machinery Co.
210 Highland at Colvin
(23)
Phone: BE 5678
258. Kencroft Assoc. Inc.
373 Hertel Ave. (7)
Phone: RI 1520
259. Kennametal Inc.
31 Moeller St. (11)
Phone: TA 6951
260. Kensington Marking Devis-
es Co.
1284 Fillmore Ave. (11)
Phone: TA 9470
261. Kolberg Co., Jack J.
7811 Sheridan Dr. (21)
Phone: PL 0230
262. Krieger, Wallace
302 Minnesota Ave. (15)
Phone: UN 1552
263. Kulp-Waco Corp.
100 Lakeview Ave.
Phone: GR 8500
264. Lamb Co., The Robert F.
3407 Delaware Ave. (17)
Phone: BE 3757
265. Lane Engrg. Co.
1807 Elmwood Ave. (7)
Phone: RI 0770
266. Langley Co., Frank
1441 Genesee St. (11)
Phone: KE 6660
267. Latrobe Steel Co.
2545 Walden Ave. (25)
Phone: RE 0200, EN 9156
268. Leeds & Northrup Co.
3685 Harlem Rd. (15)
Phone: AT 8900
269. Leney & Sons Inc., Walter E.
357 Deerfield Ave. (15)
Phone: PA 4922
270. Linde Co.
250 Delaware Ave. (2)
Phone: WA 1616
271. Logan Co.
3923 Harlem Rd. (26)
Phone: CI 2104
272. Machinists' Tool Inc.
854 Main St. (2)
Phone: GR 5397
273. Manning, Maxwell & Moore
Inc.
290 Delaware Ave. (2)
Phone: MO 4775
274. Mansell & Assoc., V. G.
133 Hopkins St. (20)
Phone: SO 6970
275. Marathon Electric Mfg.
Corp.
P. O. Box 77 (21)
Phone: PL 5620
276. Mason, H. Arch
736 Ashland Ave. (22)
Phone: LI 1027
277. McCarthy Co. Inc., E. F.
456 Hinman Ave. (23)
Phone: DE 2000
278. McKesson & Robbins Inc.
Chemical Dept.
1807 Elmwood Ave. (7)
Phone: DE 4590

BUFFALO (cont.)

279. McKim Tools Inc.
267 Kenmore Ave. (23)
Phone: FA 0268
280. Merkel, Robert H.
55 Brompton Rd. (21)
Phone: PL 4094
281. Mey Chain Belt Co.
14 Sycamore Ave.
Phone: CL 3832
282. Mills Welding Supply Inc.
110 E. Utica St. (9)
Phone: SU 7308
283. Minn. Mining Mfg. Co.
330 Greene St. (5)
Phone: BA 5214
284. Mobil Oil Co.
130 Pearl St. (5)
Phone: MA 3485
285. Mohawk File & Tool Co.
434 Franklin St.
Phone: GA 9094
286. Morton Tool Co.
P. O. Box 2343 (23)
Phone: AM 1056
287. Munhall Co.
170 Franklin St. (2)
Phone: MO 1212
288. National Automatic Tool Co.
Arco Bldg.
1807 Elmwood Ave. (7)
Phone: DE 3873
289. National Welding Supply
Co.
396 Ludington St. (10)
Phone: HU 2819
290. Neal Co. Inc., The R. C.
76 Pearl St. (2)
Phone: MO 1110
291. Niagara Electric Sales Co.
505 Delaware Ave. (2)
Phone: SU 4000
292. Niagara Machine & Tool
Works
683 Northland Ave. (11)
Phone: TA 9470
293. North Amer. Viking Drill
Co.
66 Broadway (3)
Phone: WA 0194
294. O & B Equip. Co.
124 Jewett Parkwy. (14)
Phone: AM 4953
295. Oakite Products Inc.
100 Perry St. (4)
Phone: MA 0641
296. Oaks, Robert F.
457 Parker Ave. (16)
Phone: UN 2730
297. O'Connell Machinery Co.
1695 Genesee St. (11)
Phone: BA 5800
298. Oilgear Co., The
610 Englewood Ave. (23)
Phone: AM 0575
299. Oliver Abrasive & Tool Co.
2075 Fillmore Ave. (14)
Phone: AT 5111
300. Olson Co., A. F.
610 Englewood Ave. (23)
Phone: AM 7688
301. Osgood Machinery Co.
43 Pearl St.
Phone: WA 1183
302. P. & G. Machinery
43 Gruner Rd.
Phone: KE 7900
303. Paul, Fred
32 Admiral Rd. (16)
Phone: EX 1539
304. Perfecting Service Co.
260 Delaware (2)
Phone: MA 6190
305. Plastic Tooling Corp.
681 Seneca St.
Phone: MO 8041
306. Pohlman Foundry Co. Inc.
205 Baltz Ave. (6)
Phone: TR 2025
307. Pooley Belting Co., S. H.
200 Oak St.
Phone: CL 8770
308. Potter & Dugan Inc.
51 Great Arrow Ave. (16)
Phone: VI 3360
309. Power Drives Inc.
133 Hopkins St. (20)
Phone: SO 6970
310. Precision Grinding Wheel
Co. Inc.
1660 Kenmore Ave. (23)
Phone: DE 5428
311. Productive Services
1293 Hertel Ave. (16)
Phone: VI 2789
312. Rapistan of N. Y. Inc.
2548 Elmwood Ave. (17)
Phone: VI 6000
313. Reineck & Sons, Carl H.
4515 Main St. (26)
Phone: CI 3366
314. Reliance Electric & Engrg.
Co.
929 Kenmore Ave.
Phone: VI 4252
315. Republic Steel Corp.
1400 Rand Bldg. (3)
Phone: MA 5760
316. Revere Copper & Brass Inc.
1807 Elmwood Ave. (7)
Phone: DE 7618
317. Reynolds Metals Co.
1965 Sheridan Dr. (23)
Phone: FI 2565
318. Rodgers Welding Supply Co.
350 Masten Ave. (9)
Phone: GR 4700
319. Root, Neal & Co.
64 Peabody St. (10)
Phone: FA 4400
320. Ross Equip. Co. Inc.
291 Cleveland Dr. (15)
Phone: AT 7720
321. Rudel Machinery Co. Inc.
1807 Elmwood Ave. (7)
Phone: RE 9847
322. Ryerson & Son Inc., J. T.
40 Stanley St. (5)
Box 996
Phone: BA 3311
323. SKF Industries Inc.
621 Genesee Bldg. (2)
Phone: WA 0964
324. Schnibbe Metallurgical
Equip. Co.
P. O. Box 15, Bidwell
Station (22)
Phone: LI 1587
325. Sclay Brothers Inc.
307 Walbridge Bldg. (2)
Phone: MA 1560
326. Shea, Samuel E.
4548 Main St. (26)
Phone: CI 2243
327. Shoenhair, Jr., George
260 Delaware Ave. (2)
Phone: MO 8587
328. Simmons Co., Ralph
73 LaSalle Ave., Kenmore
(17)
329. SKIL Corp.
570 E. Delavan Ave. (11)
Phone: FI 1924
330. Smith-West Co.
578 Grant St.
Phone: LI 2214
331. Snap-on Tools Corp.
628 W. Utica St. (13)
Phone: GA 4374
332. Snyder Industrial Sales
91 Sargent Dr. (26)
Phone: CI 3841
333. Sommers Co., William J.
835 Englewood Ave. (23)
Phone: AT 7800
334. Standard Die Set Co.
30 E. North St. (3)
Phone: LI 6482
335. Steinwachs Safety Supply
S Park Ave.
Phone: MO 7732
336. Steller, C. A.
305 Walbridge Bldg.
43 Court (2)
Phone: WA 2172
337. Sterns Electric Equip. Co.
Inc.
66-70 Broadway (3)
Phone: WA 0192
338. Stevens Inc., Frederic B.
93 Stone St. (12)
Phone: TA 9859
339. Struebing & Buchheit Inc.
1215 Military Rd. (17)
Phone: DE 8908
340. Stuart, Wm. R.
315 Woodbridge Ave. (14)
Phone: AT 1833
341. Stucker, Frank W.
360 Delaware Ave. (2)
Phone: CL 4642
342. Sun Oil Co.
River Rd.
Phone: VI 3300

SALES OFFICES

NEW YORK

431. Syracuse Supply Co.
Court St. Rd., Box 1044
Phone: HA 2-8231
432. Trans Bearing Corp.
1966 Teall Ave.
Phone: HO 3-4523

EAST WILLISTON

433. A. A. Tool Co.
P. O. Box 127
Phone: PI 6-8550

EBENEZER

434. Gill, Verne W.
108 Woodward Dr.
Phone: HO 1206

EDEN

435. Eden Industrial Sales & Service Co.
Phone: ED 4851

ELMA

436. Johnson & Son, Len F.
3070 Bowen Rd.
Phone: EL 3-7191

ELMIRA

437. Brady Supply Corp.
255 State St.
Phone: 3-4615
438. Campbell Elevator Co. Inc.
P. O. Box 987
439. Chapin-Owen Co. Inc.
121 Railroad Ave.
Phone: RE 3-6625
440. Eclipse Machine Div. of
Bendix Aviation Corp.
441. General Electric Co.
Main & Woodlawn Aves.
Phone: 3-5611
442. Gierston Tool Co. Inc.
508 College Ave.
Phone: RE 3-7191
443. Goff-Gott Corp.
P. O. Box 508
Phone: RE 9-1537
444. Hardinge Brothers Inc.
1420 College Ave.
Phone: RE 4-6163
445. LeValley McLeod Inc.
215-221 E. Church St.
Phone: RE 4-6163
446. Oakite Products Inc.
787 Larchmont Rd.
Phone: RE 4-6542
447. Rose, Kimball & Baxter
511 Baldwin St.
Phone: RE 3-9115
448. Syracuse Bearing Co.
323 E. 14th St.
Phone: 3-9647

ELMIRA HEIGHTS

449. Neal Co. Inc., R. C.
P. O. Box 2068
161 E. 14th St.
Phone: RE 4-5168
450. Welles Supply Co.
111 E. 14th St.
Phone: RE 3-6533

ENDWELL

451. Autolift Inc.
3212 Watson Blvd.
Phone: EN 5-1498

FAR ROCKAWAY

452. Stangert Corp.
1321 McBride St. (91)
Phone: FA 7-0981

FAYETTEVILLE

453. Breunling, Fred H.
110 Cleveland Blvd.
Phone: NE 7-6410
454. Chambers & Assoc., Robert L.
209 Churchill Lane
Phone: NE 7-3340
455. Hetzler, Martin A.
102 Hunt Dr.
Phone: NE 7-8297
456. Meehan & Son, William M.
E. Genesee St. & Edwards Dr.
Phone: GI 6-1250

FLUSHING

457. Designers for Industry Inc.
76-49 168th St. (66)
Phone: OL 8-4061

BUFFALO (cont.)

343. Sundberg, Harold E.
Ellicott Square (3)
344. Syntro Buffalo Sales Co.
1800 Union Rd. (24)
Phone: HO 5290
345. Syracuse Bearing Co.
2275 Fillmore Ave.
Phone: UN 5585
346. Syracuse Supply Co.
1965 Sheridan Dr. (23)
Phone: BE 1171
347. Taylor Co., H. D.
99-123 Oak St. (5)
Phone: CL 5300
348. Tepas Co., C. H.
137 Lamarck Dr. (26)
Phone: CI 3210
349. Terryberry Engrg. Sales Co.
225 Monrow Dr. (21)
Phone: PL 4289
350. Texaco Inc.
742 Delaware Ave. (9)
Phone: SU 6300
351. Thor Power Tool Co.
735 Military Rd. (23)
Phone: BE 3906
352. Thwest Co., H. D.
768 Fotomac Ave. (9)
Phone: LI 8276
353. Timken Roller Bearing Co.
2960 Main St. (14)
Phone: AT 6400
354. Titan Tool Supply Inc.
1419 Hertel Ave.
Phone: EX 2560
355. Tool & Die Supply Co.
1588 Kenmore Ave.
Phone: VI 4204
356. Tri-Line Corp.
739 Englewood (23)
Phone: WI 2295
357. Tripoli & Co. Inc., J. V.
1622 Fillmore Ave.
Phone: BA 1777
358. U. S. Gauge Div.
54 Gruner Rd. (25)
Phone: KE 8080
359. U. S. Gypsum Co.
806 Crosby Bldg. (2)
Phone: WA 3457
360. U. S. Steel Corp.
1305 Liberty Bank Bldg.
424 Main St. (2)
Phone: MO 3350
361. Universal Cyclops Steel Corp.
1039 Niagara St. (13)
Phone: SU 2275
362. Vanadium-Alloys Steel Co.
1175 Military Rd. (17)
Phone: RI 2300
363. Van Kleeck Inc.
123 Michigan Ave. (4)
Phone: CL 1714
364. Viking Tool & Steel Co. Inc.
1039 Niagara St. (13)
Phone: SU 2276
365. Walte Abrasive Co.
62 Clyde Ave. (15)
Phone: PA 4913
366. Wales Stripit Inc.
537 E. Delavan Ave. (11)
Phone: HU 5944
367. Walther, R. E.
2021 Clinton St. (6)
Phone: FA 6004
368. Weed & Co.
95 Swan St. (5)
Phone: MO 1818
369. Weltronic Co.
2088 Berg Rd. (18)
Phone: FA 2020
370. West Chemical Products Inc.
1432-40 Niagara St. (12)
371. Whitehead Metals Inc.
2128 Elmwood Ave. (7)
Phone: BE 3100
372. Will-Buffer Inc.
Box 448 (5)
Phone: LI 6383
373. Wilson Co., Frank M.
2154 S. Park Ave. (20)
Phone: TR 9983
374. Wilson, James E.
165 Crescent Ave. (14)
Phone: UN 2110
375. Winkiewicz Hardware Co.
1601 Walden Ave.
Phone: BA 5546
Phone: GI 6-2540
376. WinSmith-Buffalo
1106 Marine Trust Bldg.
(3)
Phone: MO 5133
377. Wood Inc., E. H.
505 Delaware Ave. (2)
Phone: GR 7664
378. Wyckoff Steel Co.
5563 Main St. (21)
Phone: SP 6400
379. Xander Co., The Al
914 Highland Ave. (23)

BURNT HILLS

380. Crane Packing Co.
Pine Wood Ct.
Phone: UP 2-8429

CAMILLUS

381. MacCan, C. A.
1 Munro Dr.
Phone: OR 2-2781
382. Resistoflex Corp.
163 Terrace Way
Orchard Village
Phone: HA 2-2283
383. Tri-Line Corp.
72 Richlee Dr.
Phone: HU 8-5335

CANANDAIGUA

394. Smith, Robert C.
P. O. Box 12
Phone: 229

CENTRAL SQUARE

385. Industrial & Maintenance Supply Co.
R. D. 2
P. O. Box 50

CLAY

386. Van Zill, Edward C.
R. D. 2, Gaskin Rd.
Phone: GR 9-6795

COMMACK

387. Jencks, Stuart E.
14 Antrim Ct.
388. Ketay Dept.
Div. United Aircraft Corp.

COOPERSTOWN

389. Beals, Jr., H. P.
43 Walnut St.
Phone: CO 745W2

CORNING

390. Autolift Inc.
Box 14
Phone: 2-6043

CORONA

391. Vico Co.
98-25 50th Ave. (68)
Phone: HI 6-2370

CORTLAND

392. Clark, Harold B.
P. O. Box 645
Phone: SK 3-1882
393. Whatley, W. J.
E. River Rd., R. D. 1
Phone: SK 6-9424

CROTON-ON-HUDSON

394. Professional Aircraft
22 N. Riverside Ave.

DE PEW

395. Dow Corning Corp.
33 Beverly Dr.
Phone: MA 5173

DE WITT

396. Air Conditioning Distributors Inc.
Butternut Dr.
Phone: GR 4-4886
397. Carey, Hugh D.
P. O. Box 179
398. Chubb, L. B.
102 Addison Dr.
399. Dawson-Taylor
4 Morton Rd.
Phone: GI 6-2645
400. Daystrom Inc.
4308 E. Genesee St. (14)
Phone: GI 6-4330
401. Martin Sales Corp., C. L.
103 Pickwick Rd.
Phone: GI 6-2540

Mixer, Alvin

402. Brampton Dr. (14)
Phone: GI 6-1891

Murphy Co., A. J.

- 109 Kinne Rd.
P. O. Box 216
Phone: GI 6-0410

Murphy, Thomas J.

- 106 Haddonfield Dr.
Phone: GI 6-3535

Smith, Peter F.

- 4 Morton Rd.
Phone: GI 6-2645

Verrillo Co., F. A.

- 102 Jameville Rd. (14)
P. O. Box 163
Phone: GI 6-3611

EAST AURORA

407. Ketcham, Duane
P. O. Box 191
Phone: CY 5085
408. Patton, C. W.
102 Roycroft Circle
Phone: CY 4173
409. Summit Tool Co.
421 Linden Ave.
Phone: CY 6143
410. Williamson, Harry A.
P. O. Box 1
Phone: CY 1940
411. Wilson, Clarence H.
379 Main St.
Phone: CL 4840

EAST ISLIP

412. Behan, Dick
116 Bayview Ave.
Phone: JU 1-0328

EAST MEADOW

413. Juliano Saw Co.
2639 N. Jerusalem Rd.
414. Mausner Equip. Co.
651 Pierce Pl.
Phone: IV 1-5677
415. National One Inc.
660 Newbridge Rd.
Phone: SU 1-7802
416. Ohio Crankshaft Co., The
158 Diamond Ave.
Phone: PE 5-6991

EAST ROCHESTER

417. Barber-Colman Co.
120 W. Commercial St. (4)
Phone: LU 6-7800
418. Harwood Supply Co.
607 W. Commercial St.
Phone: EA 941
419. Tri-Line Corp.
1004 S. Main St.
Phone: LU 6-6474

EAST ROCKAWAY

420. Hering, Herman
477 Atlantic Ave.
Phone: LY 3-6470
421. Keenan, Charles
477 Atlantic Ave.
Phone: LY 3-6470
422. Swane, John
477 Atlantic Ave.
Phone: LY 3-6470

EAST SYRACUSE

423. Acme Steel Co.
115 Baker St.
Phone: HO 3-9227
424. Britton Machinery Sales Inc., R. H.
3570 Burnet Ave.
Phone: HE 7-3329
425. Carrier Corp.
Court St. Rd.
Phone: HO 3-4526
426. Instrument Sales Corp.
1941 Teall Ave.
Phone: HO 3-2281
427. Jessel Marking Equip. Co.
P. O. Box 637
428. Macaulay Machinery Co. Inc.
112 Baker St.
Industrial Park
Phone: HO 3-9702
429. Persak, William J.
113 Robbins Lane
Phone: GI 6-5085
430. Syracuse Instrument Sales
1941 Teall Ave.
Phone: HO 3-2281

SALES OFFICES

NEW YORK

FLUSHING (cont.)

458. Hirsh, Ernest D.
6963 178th St. (85)
Phone: JA 3-5898
459. Majestic Machine & Tool
40-66 Lawrence St.
460. Muller, Robert A.
145-03 33rd Ave. (54)
Phone: FL 3-0939
461. Murray-Kravis
230-02 Kinsbury Ave. (64)
Phone: SP 6-3011
462. Perla, Alfred
135-28 Long Island Ex-
pressway. (67)
Phone: IN 3-0972
463. Petro-Chem Specialties Co.
Box 104, LaGuardia Air-
port Station (71)
Phone: TW 9-6400
464. Pratt & Whitney Co. Inc.
42-19 Main St. (55)
Phone: IN 1-6363
465. Richlin-Wolf & Co. Inc.
40-66 Lawrence St. (54)
Phone: LE 9-1091
466. Rockwell Mfg. Co.
164-09 Northern Blvd. (58)
Phone: FL 8-7180
467. Shell Chemical Co.
42-76 Main St. (55)
Phone: FL 3-4200
468. Zakary, Frank
157-41 26th Ave. (54)
Phone: FL 8-4436

FOREST HILLS

469. Rivkin, Irving
77-37 Kew Forest Lane
Phone: LI 4-3295

FRANKLIN SQUARE

470. Kirr, Andrew
1091 Rosegold St.
471. Ladd, George F.
757 Franklin Ave.
Phone: PI 7-7363

FREESPORT

472. Cavac Tool & Supply Co.
143 S. Main St.
Phone: FR 9-5300

GARDEN CITY

473. Aluminum Co. of Amer.
970 Franklin Ave.
Phone: PI 7-5428
474. Fabish, William J.
92 Willow St.
Phone: PI 1-4624
475. Flesch, Peter
146 Meadow St.
Phone: PI 1-7835
476. Hogan Industrial Supply
Corp.
600 Commercial Ave.
Phone: PI 7-8460
477. Kelley Co., R. J. R.
60 6th St.
Phone: PI 2-6420
478. McCarthy, E. V.
171 Dorchester Rd.
Phone: 62371-W
479. Rainville Co. Inc., The
657 Franklin Ave.
Phone: PI 6-7135
480. Thomson, Harry M.
18 Chestnut St.
Phone: PI 1-2863
481. Wachtel, C. L.
88 Magnolia Ave.
Phone: PI 1-4739
482. Williams, Norman
62 Brompton Rd.
Phone: PI 7-1315

GASPORT

483. Slate Inc., Erwin A.
1 Maplewood Dr.
Box 84
Phone: LO 3-3778

GENESEO

484. Elgin National Watch Co.
1 Groveland Rd.
Phone: GE 428

GENEVA

485. Vance Welding Supplies,
John E.
81 Middle St.

486. Vascoloy-Ramet Corp.
15 N. Genesee St.
Phone: 9-4410

GLEN HEAD

487. Slater, D. W.
33 Radcliff Blvd.

GLENDALE

488. Herrmann Inc., Otto
6720 Myrtle Ave.
Phone: HE 3-1400

GLENS FALLS

489. Bowen Co., R. A.
6 Walt St.
Phone: GL 3-3210
490. Sawyer & Co. Inc., J. E.
64-78 Glen St.

GRAND ISLAND

491. Coleman, Robert E.
25 Alan Ct.
Phone: BR 3641
492. Throm, Norton A.
1112 E. River Rd.
Phone: BR 3611

GREAT NECK

493. Amer. Rotary Tools Inc.
159 Great Neck Rd.
Byrne, Art G.
23 Middleneck Rd.
E. R. A. Inc.
340 Great Neck Rd.
Phone: HU 2-9320
496. Heat Systems Co.
777 Northern Blvd.
Phone: HU 2-8942
497. Hydra-Tec Corp.
352 Great Neck Rd.
Phone: HU 2-6850
498. Kattenburg & Co. Inc.
14 Spruce Pl.
499. Lenholm Industrial Supply
Co.
310 Northern Blvd.
Phone: HU 2-7316
500. Mechanical Sales Corp.
45 N. Station Plaza
Phone: HU 7-2200
501. Morris Co., Herbert J.
36 Bellingham Lane
Phone: MU 7-4277
502. Richlin-Wolf & Co.
171 Great Neck Rd.
Phone: HU 7-2822
503. Sales & Industrial Repre-
sentatives Corp.
310 Northern Blvd.
Phone: HU 7-2315
504. Straus-Artys Corp.
45 N. Station Plaza
Phone: HU 2-4514

GOVERNEUR

505. Gouverneur Welding &
Machine Works
16-18 Park St.

GUILDERLAND

506. King, David H.
75 Willow St.
Phone: AL 8-8100

HAMBURG

507. Cooper-Morgan Inc.
P. O. Box 152
Phone: EM 3465
508. Hebard, Robert C.
80 Woodview Ave.
Phone: EM 1424

HARTSDALE

509. Jung, Charles R.
28 Fieldstone Dr.
Phone: WH 9-5767

HEMPSTEAD

510. Blumberg Supply
274 Front St.
511. Coelen, F. J.
5 Centre St.
Phone: IV 9-3211
512. Furane Plastics Inc.
42 Chamer St.
Phone: IV 3-6246
513. Miller Fluid Power Div.
5 Centre St.
Phone: IV 3-1955
514. Oakland Supply Corp.
736 Fulton Ave.
Phone: IV 9-0511

HICKSVILLE

515. Garsch, Victor
82 Dartmouth Dr.
Phone: WE 1-2507
516. Hamann Supply Co. Inc.
23 W. John St.
Phone: WE 1-4010
517. Meadows, Harry
41 Ash Lane
Phone: OV 1-5822
518. Toblissen, J. E.
49 Fireplace Lane
Phone: WE 5-9606

HILTON

519. Syntron Buffalo Sales Co.
Inc.
105 West Ave.
Phone: EX 2-2391

HOLCOMB

520. Sullivan, John J.
9 Main St.
P. O. Box 33
Phone: HO 56

HONEOYE FALLS

- 520A. South Chester Corp.
Phone: HO 161

HORSEHEADS

521. Goff-Gott Corp.
Horseheads Industrial
Center
522. Wetmore, William F.
R. F. D. 2, Middle Rd.

HUDSON

523. Vascoloy-Ramet Corp.
P. O. Box 245
Phone: 8-7710

HUNTINGTON

524. Dumore Co., The
17 Brookside Dr.
Phone: HA 1-0916R
525. Standard Sales Co.
198 New York Ave.
Phone: HA 7-5612

HUNTINGTON STATION

526. Barksdale Co.
16 Barclay St.
Phone: OL 9-1066
527. Dickman, Walter
P. O. Box 398
Phone: HA 7-6780
528. McDonough, James
11 Grayly Pl.
Phone: HA 7-4305
529. Waldick Engrg. Co.
P. O. Box 398
Phone: HA 7-6780

HYDE PARK

530. Bolce Gages Inc.
Phone: CA 9-2171

ILION

531. Remington-Arms Co. Inc.

ISLAND PARK

532. Hardale Inc.
74 Alabama Ave.

ITHACA

533. Morse Chain Co.
S. Aurora St.
Phone: 4-5471
534. Spacher Co., C. J.
P. O. Box 203
Phone: IT 4-9829

JAMAICA

535. Donnelly Co., Edward J.
89-31 161st St., Suite 610
Phone: JA 3-8500
536. Elgin National Watch Co.
88-06 Van Wyck Express-
way. (18)
Phone: OL 7-5022
537. Haas, Howard O.
P. O. Box 98
S. Richmond Hill Station
(19)
Phone: VI 7-4718
538. Hartsell, Gordon
168-36 88th Ave.
Phone: AX 7-6245

JERICO

539. Lea-Ronal Inc.
139-20 109th Ave. (35)
Phone: JA 6-8770
540. Sheehan Corp., W. F.
153-07 Jamaica Ave. (2)
541. Witkin Hardware & Mill
Supply
150-06 Liverty Ave. (23)
Phone: OL 7-4700

JAMESTOWN

542. Christofferson, R.
59 Spruce St.
Phone: 3-1790
543. Clark Hardware Co.
510 Crescent St.
Phone: 7-916
544. Glerston Tool Co. Inc.
131 Institute St.
Phone: 4126
545. North Amer. Products Corp.
P. O. Box 763
Phone: 5-1040
546. Ricketts & Son Co., Warren
P. O. Box 150
Phone: 4813
547. Surplus & Salvage Co. Inc.
109 Main, N. St.
548. Syracuse Bearing Co.
821 E. 2nd St.
Phone: 9-8200
549. Truett Mill Supply Co.
586 E. 2nd St.
P. O. Box 555
Phone: 6-160 or 6-169
550. Web Machinery Co.
829 W. 8th St.
Phone: 8935

JOHNSON CITY

551. Vascoloy-Ramet Corp.
211 Halsey Ave.
Phone: OV 1-7373

JOHNSON CITY

552. General Electric Co.
553. Herlikofer, Harry
76 St. Charles St.
Phone: JO 7-3196

KENMORE

554. Brunton & Son Inc., G. W.
2315 Elmwood Ave. (17)
Phone: VI 9304
555. Gesner Co., Robert H.
632 Englewood Ave. (23)
556. Kirkwood & Assoc., Arch B.
75 S. Irving Terrace (23)
Phone: RI 3054
557. Podesta, Lee P.
220 Delaware Rd. (17)
Phone: DE 2342
558. R & S Tool & Gage Co. Inc.
241 Westchester Blvd. (17)
Phone: DE 4037
559. Seelbach, E. H.
24 W. Grimsby Rd. (23)
Box 56, Kenmore Station
Phone: DE 4014
560. Spencer & Assoc., Arthur W.
72 Legion Dr. (17)
561. Tri City Tools & Machinery
Co.
3491 Delaware Ave. (17)
Phone: RI 7252

KINGSTON

562. I. B. M. Corp.
Phone: FE 8-5000

LAKEWOOD

563. Onderdonk, Jr., Dudley
11 Webster Rd.
Phone: LA 8581

LANCASTER

564. Aronson Co.
123 4th Ave.
Phone: MO 2315

LARCHMONT

565. Gill, Lester M.
40 Lanadowne Dr.
Phone: TE 4-3382
566. Union Carbide Plastics Co.
1877 Palmer Ave.
Phone: TE 4-6800

LATHAM

567. Day Co., Royce W.
Box 757, Latham Circle
Phone: ST 5-9840

SALES OFFICES

568. Daystrom Inc.
5 Herbert Dr.
Phone: ST 5-5161
569. Rushmore & Weber Inc.
950 New Loudon Rd.
Box 578
Phone: ST 5-8548
570. Shako Inc.
P. O. Box 966
Phone: ST 5-8597
571. Tepas Co., C. H.
478 Troy-Schenectady
Phone: ST 5-6522

LINDENHURST

572. Long Island Machinery Sales Corp.
568 W. Hoffman Ave.
Phone: TU 4-3070

LIVERPOOL

573. Hub City Factory & Mill Supply
Oswego Rd.
Phone: OL 2-5100
574. Syntrol Syracuse Sales Co. Inc.
5 Yager Dr.
Phone: OL 2-5238

LIVONIA

575. Busch, Fred W.
53 W. Main
Phone: 154

LOCKPORT

576. Ward Bros. Mill Supply Co.
64-76 Market St.
Phone: 3-3855

LONG BEACH

577. Gore, Jerald
358 E. Walnut St.
Phone: GE 1-3492 Code 516

LONG ISLAND CITY

578. Alemite Corp.
11-25 45th Ave. (1)
Phone: RA 9-8282
579. Babcock Machinery Co. Inc.
8-12 Astoria Blvd.
Phone: ST 5-2444
580. Biglow & Co. Inc., L. C.
24-24 Jackson Ave. (1)
Phone: RA 9-8282
581. Bobker Bearing Inc.
28-03 Jackson Ave. (1)
Phone: ST 5-5320
582. Brunner & Lay - Eastern Inc.
43-11 11th St.
Phone: EX 2-1412
583. Carrier Corp.
Service Bldg.
39-08 24th St.
Phone: ST 4-2888
584. Carter, Milchman & Frank Inc.
28-10 37th Ave.
Phone: EM 1-2360
585. Consolidated Amer. Machinery
45-02 25rd St.
Phone: EX 2-7029
586. Danly Machine Specialties Inc.
47-28 37th St. (1)
Phone: RA 9-8080
587. DoAll Eastern Co. Inc.
36-06 48th Ave. (1)
Phone: EX 3-4595
588. Empire State Hardware & Supply Corp.
26-27 Jackson Ave. (1)
Phone: ST 4-7680
589. Graybar Electric Co. Inc.
21-15 Bridge Plaza, N. (1)
Phone: ST 4-5200
590. Gravers Tool Co.
10-23 Jackson Ave. (1)
Phone: ST 5-5200
591. Hobart Welding Accessories
33-01 37th Ave. (1)
Phone: ST 4-5200
592. Industrial Products Engrg. Co.
26-40 Jackson Ave. (1)
Phone: RA 9-8200
593. J. & J. Tool & Supply Co.
39-23 Queens Blvd.
Phone: ST 4-3471
594. Johnson & Son Inc., S. C.
33-16 Woodside Ave. (1)
Phone: HI 6-3200

595. Kaiser-Martini Inc.
36-01 Vernon Blvd. (6)
Phone: ST 4-9371
596. Klainer, Theodore L.
28-50 37th St. (3)
Phone: RA 1-3466
597. Long Island Hardware Co.
27-55 Jackson Ave. (1)
Phone: ST 4-8310
598. Martin Supply Co.
46-01 Newtown Rd.
Phone: ST 6-5065
599. Micro Switch
24-30 Skillman Ave. (1)
Phone: ST 6-5065
600. Mid Island Supply Co.
29-08 39th Ave. (1)
Phone: ST 4-8310
601. Milwaukee Electric Tool Corp.
35-12 Crescent St. (8)
Phone: EM 1-0330
602. Pneumatic Tool Sales & Repair Co. Inc.
14-29 53rd Ave. (6)
Phone: RA 1-3536
603. Porter-Cable Machine Co.
23-56 Broadway
Phone: RA 1-3536
604. Regent Distributors
27-35 Jackson Ave. (1)
Phone: RA 9-0218
605. Reiner Machinery Corp.
42-01 Northern Blvd.
Phone: EX 2-6780
606. Sinclair Refining Co.
42-15 Crescent St.
Phone: EX 2-6780
607. Sun Oil Co.
53-02 11th St. (1)
Phone: ST 6-1230
608. Thermafluid Dynamics Inc.
25-10 40th Ave.
Phone: ST 4-1718
609. Thomson Mfg. Co., Judson L.
11-20 46th Rd.
Phone: ST 6-5726
610. Travers Tool Co.
10-23 Jackson Ave. (1)
Phone: ST 5-5200
611. Triplex Machine Tool Corp.
25-18 43rd Ave. (1)
Phone: EM 1-1700
612. Wall-Colmonoy Corp.
45-28 21st St.
Phone: ST 4-1230
613. West Chemical Products Inc.
42-16 West St. (1)
Phone: EX 2-7575
614. Wilson Corp., W. S.
47-50 38th St. (1)
Phone: EX 2-7575
615. Yale & Towne Mfg. Co., The
49-39 Van Dam St.
Phone: EX 2-3300

LYNBROOK

616. Potter, Clyde H.
113 Edmund St.
Phone: LY 9-0108

MAMARONECK

617. Weiden, F. D.
1 Depot Plaza
Phone: OW 8-8100
618. Wimple Assoc. Inc., S.
510 W. Boston Post Rd.
Phone: OW 8-7100

MANHASSET

619. Battle & Co., Jos. A.
47 Hillside Ave.
Phone: MA 7-1305
620. Hirschmann Co. Inc., Carl
30 Park Ave.
Phone: MA 7-7300
621. Holliday-Hathaway Co. Inc.
390 Plandome Rd.
Phone: MA 7-7300
622. Mann, Frank T.
22 Bayview Ave.
P. O. Box F
Phone: 7-2511

MANLIUS

623. Butler Co., Robert O.
Sionehedge Rd.
Phone: GR 4-0458
624. House of Tools Co., The
P. O. Box 127
Phone: 106 Scoville Ave.

MARCELLUS

626. Schofield Tool Supply Co.
17 Reed Parkway.
Phone: OR 9-0831

MASSPETH

627. Ace Wholesale Hardware Co.
65-63 Grand Ave.
Phone: TW 4-0500
628. Chase Brass & Copper Co.
55-60 58th St. (78)
Phone: EV 6-4900
629. King & Malcolm Co. Inc.
57-10 Grand Ave. (78)
Phone: VA 1-6178
630. Marquette Mfg. Co.
53-10 Grand Ave. (78)
Phone: LI 1-7661

MASSAPEQUA

632. Levy, Martin A.
25 Oxford St.

MASSAPEQUA PARK

633. Oakite Products Inc.
1156 Lake Shore Dr.
Phone: PY 8-8799

MASSENA

634. Avery Co. Inc., M. E.
6 Railroad St.
Phone: RO 9-2477
635. Gallagher Supply Co.

MERRICK

636. Krause Machinery Co.
P. O. Box 605
Phone: FR 9-2100

MIDDLETOWN

637. Lufkin Rule Co., The
40 Mulberry St.

MILLBROOK

638. Devers, Charles E.
South Rd.

MINEOLA

639. Aron Machinery Co.
260 E. Jericho Tpke.
Phone: PI 2-8600
640. Alina Corp.
122 E. 2nd St.
Phone: PI 7-5336
641. CSA
320 Pennsylvania Ave.
P. O. Box 648
Phone: PI 1-8550
642. Colby Machinery, A. C.
Phone: PL 7-1351
643. Dade Trucking Co.
Old Country Rd.
Phone: PI 2-0422
644. General Tool & Supply Co.
99 Main St.
Phone: PI 2-0422
645. Grable Co., H. G.
199 Willis Ave.
Phone: PI 6-4434
646. Kleban Tool Co.
99 Main St.
Phone: PI 2-0295
647. Long Island Industrial Supply Corp.
100 Herricks Rd.
Phone: PI 6-7333
648. Roller Inc., Wm. G.
159 Liberty Ave.
Phone: PI 6-4480
649. Schweitzer, Rolph
P. O. Box 182
Phone: PI 7-0823
650. Space-Tronics
100 E. Old Country Rd.
Phone: PI 1-8816

MONTEZUMA

651. Barton Co., H. R.
P. O. Box 62
Phone: PO 3661

MOUNT VERNON

652. Bellows-Valvair
34 W. Broad St.
Phone: MO 8-6214
653. County Hardware Corp.
161 Gramatan Ave.
Phone: MO 4-6300
654. Halpern & Co. Inc., Wm.
481 E. 3rd St.
Phone: MO 4-6300
655. Harrington-Wilson-Daum Corp.
25 Beechwood Ave.
Phone: MO 4-0100
656. Harris-Ace Welding Equip. Co.
11 Bertel Ave.

NEW YORK

657. Karlen Assoc.
519 S. 5th Ave.
Phone: MO 4-1111
658. National Automatic Tool Co. Inc.
35 Beechwood Ave.
Phone: MO 7-5200
659. Ohio Knife Co., The
22 W. 1st St.
Phone: MO 7-5200
660. Tri-Seco Inc.
7 W. Broad St., Fleetwood Station
Phone: OW 9-4340
661. Zauderer Assoc. Inc.
19 Bertel Ave.
P. O. Box 342
Phone: PE 8-2941

NANUET

662. Rockland Industrial Equip. Corp.
5 Old Middletown Rd.

NEEDROW

663. Bryant Chucking Grinder Co.
205 Thompson Rd.
Phone: HO 9-3897
664. Randall, R. C.
R. D. 1
Phone: HY 2-1400

NEWARK

665. Stephenson Machinery Co.

NEWBURGH

666. Mid-Hudson Oxygen Co.
266 Van Ness St.
Phone: JO 2-3942
667. Miller Fluid Power Div.
68 Grand St.
Phone: JO 2-3942
668. Peterkin Welding Supply Co.
344 Liberty St.
Phone: 2003
669. Smith Co., W. L.
165 Broadway
P. O. Box 231
Phone: JO 1-5220
670. Sun Oil Co.
River Rd.
Phone: JO 1-3040

NEW HARTFORD

671. Holliday-Hathaway Co. Inc.
Box 296
Phone: RE 2-1402
672. Skahan, Francis X.
R. D. 2, Oxford Rd.
Phone: RE 2-0423

NEW HYDE PARK

673. Eaton Co. Inc., The
1300 Jericho Tpke.
Phone: CE 7-3580
674. Kelley Co., R. J. R.
60 6th St.
Phone: PI 1-6420
675. Moore Distributors, A. A.
2079 Hillside Ave.
Phone: HU 8-3050

NEW ROCHELLE

676. Eastern Carbide Corp.
2 Hamilton Ave.
Phone: NE 2-6630
677. Gates Co., Claude A.
27 Locust Ave.
Phone: NE 2-1465
678. Miller-Barber Assoc. Inc.
278 North Ave.
P. O. Box 974
Phone: NE 2-8215
679. Wallace Machine Tool Co.
308 Main St.
Phone: BE 5-4880

NEW YORK CITY

680. Aaron Machinery Co. Inc.
45 Crosby St. (12)
Phone: WA 5-8300
681. Abbey Materials Corp.
49 W. 27th St.
Phone: OR 9-3914
682. Abrams Inc., Morris
90 Hudson St. (13)
Phone: CA 6-8900
683. Abrasive Sales Co.
132 Lafayette Ct. (13)
Phone: CA 6-1028

SALES OFFICES

NEW YORK

NEW YORK CITY (cont.)

684. Ackerlind Steel Co.
392 W. Broadway (12)
Phone: WA 5-7978
685. Acme-Danneman Co. Inc.
45 W. 18th St.
Phone: AL 5-7150
686. Acme Tool Corp.
71 W. Broadway (7)
Phone: CO 7-2114
687. Ad. Auriema Inc.
85 Broad St. (4)
Phone: BO 9-7750
688. Airetool Mfg. Co.
50 Church St. (7)
Phone: BA 7-6655
689. Ajax Electric Salt Bath Furnaces
50 Church St. (7)
Phone: CO 7-4429
690. Allen-Bradley Co.
630 3rd Ave. (17)
Phone: MU 2-6070
691. Allen Inc., H. F.
50 Church St.
Phone: CO 7-7525
692. Alicraft Tool & Supply Co.
15 W. 45th St.
Phone: CO 7-3462
693. Allegheny Ludlum Steel Co.
Socony Mobil Bldg.
150 E. 42nd St. (17)
Phone: MU 2-0369
694. Allis-Chalmers
100 Church St. (7)
Phone: BE 2-9100
695. Allis Co., The Louis
50 Church St., Room 1960
(7)
Phone: CO 7-3462
696. Allis Co., The Louis
Export Div.
13 E. 40th St. (16)
Phone: MU 9-0200
697. Aluminum Co. of Amer.
230 Park Ave. (17)
Phone: MU 6-9295
698. Amer. Brass Co., The
99 Park Ave. (16)
Phone: OX 7-1166
699. Amer. Felt Co.
350 5th Ave. (1)
Phone: CH 4-8768
700. Amer. & Foreign Export & Import Co.
21 West Ave. (6)
Phone: BO 9-0898
701. Amer. Instrument Co. Inc.
30 Church St., Room 518E
Phone: CO 7-8374
702. Amer. Machine & Foundry International Group
261 Madison Ave. (16)
Phone: MU 7-3100
703. Amer. Machinery & Motor
22 Howard St. (13)
Phone: CA 6-4577
704. Amer. Mill Supply Co.
176 Lafayette St. (13)
Phone: WO 6-5040
705. Amer. Pulley Co., The
227 Lafayette St. (12)
Phone: CA 6-6677
706. Amer. Steel Foundries
230 Park Ave. (17)
Phone: MU 9-5730
707. Amtec Corp.
30 Church St. (7)
Phone: WO 4-7154
708. Anchor Tool & Supply Co.
12 John St.
Phone: WO 2-2313
709. Appell Co., Louis W.
11 Warren St. (7)
Phone: WO 4-4255
710. Archer-Daniels-Midland Co.
225 Broadway (7)
Phone: DI 9-0750
711. Argast, Frost & Grant Co.
50 Church St. (7)
Phone: CO 7-7560
712. Armstrong Brothers Tool Co.
199 Lafayette St. (12)
Phone: CA 6-5670
713. Armstrong Cork Co.
295 5th Ave. (16)
Phone: MU 4-6900
714. Armstrong Inc., J. Neill
1 E. 42nd St. (17)
Phone: MU 7-1240
715. Arrow Precision Tool & Supply
758 6th Ave. (10)
Phone: WA 9-0180
716. Atlantic Hardware & Supply
95 Vandam St.
Phone: WA 4-0700
717. Atlantic Machinery Corp.
206 Centre St. (13)
Phone: CA 6-7957
718. Atlantic Transmission & Gear Sales Inc.
200 Lafayette St. (12)
Phone: WO 6-0144
719. Atwell Co., Charles C.
50 Church St. (7)
Phone: CO 7-5662
720. Aviquipo Inc.
90 Broad St. (4)
Phone: OX 7-1396
721. B-Gray Inc.
51 E. 42nd St. (17)
Phone: OX 7-1396
722. Babbins Hardware & Supply
3530-36 White Plains (67)
Phone: KI 7-5440
723. Babcock & Wilcox Co.
666 3rd Ave. (17)
Phone: YU 6-5533
724. Baitinger Electric Co.
76 Leonard St. (13)
Phone: WO 6-3340
725. Baldwin Belting Inc.
483 Washington St. (13)
Phone: WO 6-3340
726. Baldwin-Lima-Hamilton
111 5th Ave. (3)
Phone: OR 7-5030
727. Baker Industrial Trucks
260 11th Ave. (1)
Phone: CH 4-1110
728. Barth, Henry
321 E. 54th St. (22)
Phone: PL 9-4916
729. Bass Co., Rudolf
45 Mercer St. (13)
Phone: WA 5-0440
730. Bausch & Lomb Optical Co.
730 5th Ave. (19)
Phone: CI 7-5400
731. Beam-Knodel Co.
195 Lafayette St. (12)
Phone: MU 4-8405
732. Bellows-Valvair
70 E. 45th St. (12)
Phone: MU 4-6405
733. Ben's Supply
112 Lafayette St.
Phone: RE 2-7497
734. Bent, Charles
120 Liberty St.
Phone: RE 2-7497
735. Beryllium Corp., The
475 5th Ave.
Phone: MU 9-5974
736. Bethlehem Steel Co.
375 Park Ave. (22)
Phone: MU 8-5522
737. Biddle Purchasing Co.
280 Broadway
Phone: WO 4-0506
738. Biglow & Co. Inc., L. C.
250 W. 54th St. (19)
Phone: CO 5-4160
739. Blakeslee & Co.
381 Park Ave., S. (16)
Phone: MU 4-3835
740. Bobker Bearings Inc.
282 7th Ave. (1)
Phone: WA 4-7231
741. Bock Inc., Arthur W.
44 E. 23rd St. (10)
Phone: BO 9-0898
742. Boorom, A. W.
30 Church St. (7)
Phone: WO 4-7154
743. Bordoff Co. Inc., M.
425 Longfellow Ave. (39)
Phone: HA 2-4970
744. Bolzow Inc., H. L.
82 Beaver St. (5)
Phone: HA 2-4970
745. Boyar-Schultz Corp.
223 Ave. "C" (9)
Phone: OR 3-4343
746. Brady Co., F. A.
505 5th Ave. (17)
Phone: MU 2-8520
747. Braeburn Alloy Steel Corp.
140 Cedar St. (6)
Phone: RE 2-3887
748. Bridgeport Brass Co.
48-49 33rd St.
Phone: EX 2-4296
749. Bristol Co., The
250 W. 57th St. (19)
Phone: CI 5-4953
- NEW YORK CITY (cont.)
750. Brooks-Carpenter
16 Metropolitan Oval (62)
Phone: CI 6-3580
751. Brooks & Perkins Inc.
1708 Americas Bldg.
Rockefeller Center (20)
Phone: CI 6-3580
752. Brower & Co., Wm. H.
55 W. 42nd St. (36)
Phone: BR 3-3828
753. Brown & Silver Inc.
813 Westchester Ave. (55)
Phone: BE 3-7970
754. Browne, William J.
320 Broadway (7)
Phone: BE 3-7970
755. Brownell Distributors Inc.
306 Canal St. (13)
Phone: BA 7-4200
756. Browning Brothers Inc.
1881 Park Ave. (35)
Phone: EN 9-4600
757. Brubaker Tool Corp.
743 5th Ave. (22)
Phone: PL 5-1376
758. Bruce-Charles Co., The
53 Park Pl. (7)
Phone: BA 7-0196
759. Brundage Supply Corp.
192 Front St. (38)
Phone: BO 9-2340
760. Bunzel, Sidney J.
83 Payson Ave. (34)
Phone: LO 7-8020
761. Burlington Burwak Elevator
246 Fulton St. (7)
Phone: LO 7-8020
762. Cangro Transmission Co. Inc.
372 Broome St. (1)
Phone: WA 5-1355
763. Card Div., S. W.
2830 Park Pl. (7)
Phone: WO 2-0223
764. Carpenter Steel Co.
551 5th Ave. (17)
Phone: OX 7-1033
765. Carrier Corp.
385 Madison Ave. (17)
Phone: PL 9-5000
766. Carter, Milchman & Frank Co.
37 Hudson St.
Phone: CA 6-3317
767. Cayne Equip. Corp., A. H.
71 Spring St. (12)
Phone: CA 6-3317
768. Cedar-West Tool Co.
90 West St. (6)
Phone: RE 2-1520
769. Center Tool Co.
108 Lafayette St. (13)
Phone: CA 6-6323
770. Chain Belt Co.
19 Rector St., Room 1205
(6)
Phone: WH 3-6141
771. Champion Pneumatic Machine Co.
39 Broadway (6)
Phone: DI 4-4703
772. Chern, V. A.
342 Madison Ave.
Phone: MU 7-0977
773. Chicago-Latrobe
28 Warren St. (7)
Phone: DI 3-2781
774. Chicago Pneumatic Tool Co.
6 E. 44th St. (17)
Phone: MU 7-1700
775. Chisholm-Moore Holst Div.
1716 Grand Central Terminal (17)
Phone: MU 9-3058
776. Christie & Co., R. S.
175 5th Ave. (10)
Phone: GR 7-4256
777. Clark Controller Co., The
60 E. 42nd St. (17)
Phone: MU 2-1743
778. Clark Equip. Co.
712-11th Ave. (19)
Phone: JU 2-3910
779. Clarkson & Foreman Inc.
50 Church St. (7)
Phone: WO 2-2140
780. Cleveland Cap Screw Co., The
39 Park Pl. (7)
Phone: WO 2-2613
781. Cleveland Twist Drill Co., The
20 Thomas St. (7)
Phone: RE 2-4558
782. Clipper Diamond Tool Co. Inc.
345 Hudson St. (14)
Phone: CH 2-7143
783. Cloister Brothers
220 5th Ave., Rooms 503-04
(1)
Phone: OR 9-0530
784. Colby Machinery Co., A. C.
183 Centre St. (13)
Phone: CA 6-4140
785. Colonial Hardware Co.
48 Warren St. (7)
Phone: DI 9-4750
786. Columbia Cutlery Corp.
225 Lafayette St. (12)
Phone: CA 6-6007
787. Continental Drill Corp.
75 Murray St. (7)
Phone: BA 7-4220
788. Copperweld Steel International Co.
225 Broadway (7)
Phone: BE 3-5600
789. Corte Engrg. Co.
Woolworth Bldg.
233 Broadway (7)
Phone: BA 7-5354
790. Cosa Corp.
Chrysler Bldg., Rooms 816-825
405 Lexington Ave.
Phone: MU 2-0369
791. Cosmo Tool Co.
433 E. 75th St., Room 21
Phone: OX 7-1172
792. Cosette, A. F.
507 5th Ave.
Phone: OX 7-1172
793. Craftools, Inc.
396 Broadway
Phone: WH 4-7350
794. Cremonin, J. V.
21 State St. (4)
Phone: WH 4-7350
795. Cripps, A. E.
30 E. 60th St., Suite 1107
(22)
Phone: PL 3-4587
796. Cross Inc., Leo J.
90 West St. (8)
Phone: BA 7-1772
797. Cutler-Hammer Inc.
8 W. 40th St. (18)
Phone: PE 6-8400
798. Danneman Die Set Div.
203 Lafayette St. (12)
Phone: WO 6-3337
799. Daystrom Inc.
50 Church St. (7)
Phone: WO 4-3510
800. De Chiara, Albert Jr.
400 E. 49th St. (17)
Phone: MU 8-4468
801. Defiance Sales Corp.
370 Lexington Ave. (3)
Phone: LE 2-4854
802. Dersoff, Henry
165 Broadway (6)
Phone: RE 2-8057
803. Desseau Inc., Harold
25 Murray St. (7)
Phone: CO 7-8905
804. Diamond Saw Works Inc.
193 Centre St.
Phone: WA 5-4360
805. Die Sets Corp. of Amer.
205 Lafayette St. (12)
Phone: WO 6-3337
806. Diehl Mfg. Co.
95 Liberty St. (6)
Phone: DI 9-1222
807. Dienst Co. Inc., A. P.
NE corner 140th & 3rd Ave.
Phone: YU 4-6390
808. Diereck Distributors Inc.,
70 Duane St. (7)
Phone: BA 7-3545
809. Dietzgen Co., Eugene
218 E. 23rd St. (10)
Phone: MU 9-1040
810. Dirkes, R. S.
441 Lexington Ave. (17)
Phone: YU 4-6390
811. Diston Div.
330 Park Ave.
Phone: MU 8-8550
812. Dodge Mfg. Corp.
270 Madison Ave. Room 1401 (16)
Phone: OR 9-6696
813. Dodge & Seymour Ltd.
53 Park Pl. (7)
Phone: DI 9-4500

NEW YORK CITY (cont.)

814. Dougherty Inc., Vincent P.
12 Beach St. (13)
Phone: WO 6-4140
815. Dunn & Bryan
28 Warren St. (7)
Phone: WO 4-8091
816. Duraloy Co., The
12 E. 41st St. (17)
Phone: LE 2-2858
817. Durez Plastics Div.
666 5th Ave. (19)
Phone: PL 7-9600
818. Eastern Abrasives Inc.
94 Reade St. (13)
Phone: BA 7-9164
819. Eastern Machine Co.
170 Broadway (38)
Phone: WO 4-8161
820. Eastern Sales Office
380 Madison Ave. (17)
Phone: OS 7-3030
821. Eastern Tool & Supply Co.
149 Grand St. (13)
Phone: CA 6-3749
822. Eastman Kodak Co.
1334 York Ave. (21)
Phone: TR 9-1500
823. Eaton Mfg. Co.
Graybar Bldg., Room 2045
420 Lexington Ave. (17)
Phone: MU 3-2182
824. Edge-Rite Tool Co.
250 E. 43rd St. (17)
Phone: MU 6-0260
825. Edgeworth Hardware & Supply Corp.
53 Park Pl.
Phone: RE 3-0977
826. Edgeworth Industrial Supply
15 Warren St. (7)
Phone: RE 3-0977
827. Eisenberg, Nathan
95 8th Ave.
Phone: CH 4-0362
828. Electro-Spark Co. Inc.
23 E. 26th St. (19)
Phone: OR 9-4715
829. Elm Electric & Hardware Supply Co.
871 6th Ave.
Phone: CH 4-0362
830. Engelhard Industries Inc.
477 Madison Ave.
Phone: PL 1-4242
831. Ewing & McDonald Inc.
470 4th Ave. (16)
Phone: MU 9-6565
832. Exact Weight Scale Co., The
44 E. 23rd St. (10)
Phone: AL 4-1828
833. F. J. W. Sales Inc.
105 Lafayette (13)
Phone: SP 7-8800
834. Fairbanks Co., The
393 Lafayette St. (3)
Phone: SP 7-8800
835. Fanco Machine Co.
401 Broadway (13)
Phone: CA 6-7586
836. Federal Hardware Corp.
53 Park Pl. (7)
Phone: WO 4-7663
837. Federal Machinery Co.
134 Grand St. (13)
Phone: CA 6-3023
838. Fehlinger Co. Inc., John N.
5 Beekman St. (38)
Phone: BE 3-5656
839. Ferguson Machine Corp.
P. O. Box 73, Kingsbridge Station (63)
Phone: KI 6-3760
840. Feuer & Co.
1150 Broadway (1)
Phone: MU 3-9435
841. Fisher Scientific Co.
633-635 Greenwich St. (14)
Phone: WA 4-7200
842. Fisher Tool Co.
239-243 W. 18th St. (11)
Phone: WA 9-2004
843. Flory Printing Co.
45 Rose St. (38)
Phone: BE 3-5656
844. Forel Equip. Corp.
165 Broadway (6)
Phone: CO 7-4256
845. Foster Co., L. B.
11 Park Pl. (7)
Phone: MU 3-9435
846. Franklin Hardware Co.
50 Franklin St. (13)
Phone: WO 2-4965

847. Frey Co., The
23 Warren St. (7)
Phone: RE 2-0758
848. Gale Engrg. Co.
136 Liberty St. (6)
Phone: MU 7-0160
849. Galvin Tool Sales Co.
224 E. 38th St. (16)
Phone: MU 7-0160
850. Garland, Gordon C.
70 E. 45th St. (17)
Phone: MU 6-8529
851. Garlock Packing Co., The
114 Liberty St. (6)
Phone: RA 7-1124
852. Garrett Co. Inc., George K.
250 W. 57th St. (19)
Phone: CI 5-8759
853. General Chain & Belt Co.
292 Lafayette St.
Phone: DI 9-4160
854. General Controls Co.
205 E. 42nd St. (17)
Phone: OR 9-6330
855. General Electric Co.
570 Lexington Ave. (22)
Phone: PL 1-1311
856. George Equip. Co.
224 E. 38th St. (16)
Phone: MU 7-1240
857. Gerard-Kluyakens Co.
295 5th Ave. (16)
Phone: MU 5-5710
858. Gerard Machine Co.
30 Rockefeller Plaza (20)
Phone: CI 6-7335
859. Gerbing Mfg. Corp.
50 Church St. (7)
Phone: MU 7-1240
860. Gesswein & Co. Inc., Paul H.
35 Maiden Lane (38)
Phone: MU 7-1240
861. Gibson, George E.
1 E. 42nd St. (17)
Phone: MU 7-1240
862. Giebel Inc.
250 W. 57th St. (19)
Phone: CO 5-1437
863. Gilbert-Tucker Assoc.
130 W. 42nd St. (36)
Phone: LO 4-8270
864. Glazier Hardware Co.
1689 1st Ave.
Phone: CH 4-0362
865. Gleason & Co. Inc., Joseph F.
148 Chambers St. (7)
Phone: MU 6-8574
866. Gokeler & Co.
220 W. 42nd St. (36)
Phone: MU 4-7112
867. Gold Inc., Louis J.
108 W. 25th St. (1)
Phone: OR 5-3473
868. Goodrich Industrial Products Co., B. F.
230 Park Ave. (17)
Phone: OR 9-0330
869. Gordon Co., James T.
233 Broadway (7)
Phone: BA 7-1776
870. Gray Motor & Tool Co.
223 Centre St. (13)
Phone: WO 6-5660
871. Greene, Harry
185 Madison Ave., Room 1201
Phone: MU 6-8574
872. Green Co., Oliver J.
258 Broadway (7)
Phone: BA 7-9513
873. Greenfield Tap & Die
32 Worth St. (13)
Phone: BA 7-1929
874. Guarantee Specialty Co.
60 Lispenard St. (13)
Phone: MU 6-8293
875. Guilf Oil Corp.
17 Battery Pl. (4)
Phone: BO 9-5400
876. Guthery Machine Tool Co.
30 W. 42nd St. (26)
Phone: CR 5-4450
877. Hammel-Riglander
395 4th Ave.
Phone: BE 3-2460
878. Handy & Harman
82 Fulton St. (38)
Phone: BE 3-2460
879. Hansen & Yorke Co. Inc.
88 Warren St. (7)
Phone: BE 3-6000
880. Hanser Organization, The
1841 Broadway (23)
Phone: CO 5-1300
881. Hardinge Brothers Inc.
269 Lafayette St. (12)
Phone: WA 5-9677

NEW YORK CITY (cont.)

882. Hardman Co., Paul
186 Grand St. (13)
Phone: WO 6-5320
883. Harnischfeger Corp.
30 Church St. (7)
Phone: RE 2-0460
884. Haynes Stellite Co.
30 E. 42nd St. (17)
Phone: MU 7-8000
885. Helicoid Gage Div.
230 Park Ave. (17)
Phone: MU 6-8800
886. Henricks Co., A. P.
78 Reade St. (7)
Phone: RE 2-9629
887. Heppenstall
120 Broadway, Room 1853
Phone: BE 3-1713
888. Herman Machine & Tool Co.
712-714 3rd Ave. at 45th St.
Phone: YU 6-8900
889. Hewitt-Robins
360 Lexington Ave. (17)
Phone: YU 6-8900
890. Hoe & Co. Inc., R.
910 E. 138th St., (34)
Phone: CY 2-2400
891. Hoffman, L.
120 Broadway (5)
Phone: RE 2-9500
892. Holtzer-Cabot
Graybar Bldg.
420 Lexington Ave. (17)
Phone: LE 2-8532
893. Honolulu Iron Works Co.
165 Broadway (7)
Phone: CO 7-7770
894. Houghton & Co., E. F.
55 W. 42nd St., Room 1104-A (36)
Phone: LO 4-4287
895. Hubbard & Co., Charles
90 West St. (6)
Phone: BA 7-1772
896. Hummel Technical Products
90 West St. (6)
Phone: BA 7-6630
897. Hunter Spring Co.
Woolworth Bldg., Room 1242 (7)
Phone: OX 7-7770
898. Hunts Point Supply Co.
917-921 Southern Blvd.
Phone: MU 4-7112
899. Huyette Co. Inc., Paul B.
205 E. 42nd St. (17)
Phone: MU 4-7112
900. I-T-E
233 Broadway (7)
Phone: BA 7-5670
901. Ideal Industries Inc.
366 Broadway (13)
Phone: CO 7-6013
902. Industrial Electric Motor & Tool Co.
110 Lafayette St. (13)
Phone: CA 6-1568
903. Industrial Fasteners Corp.
502 W. 30th St. (1)
Phone: CH 4-0991
904. Industrial Gauge & Instrument Co.
1403 E. 180th St. (60)
Phone: SY 2-1000
905. Ingersoll-Rand Co.
11 Broadway (4)
Phone: DI 4-6070
906. Inland Steel Co.
230 Park Ave. (17)
Phone: MU 6-6293
907. Interstate Hardware
66 Thomas St.
Phone: WO 4-7896
908. J & L
405 Lexington Ave. (17)
Phone: JI 6-2300
909. Jadow Inc., B.
860 Broadway (3)
Phone: CR 5-4450
910. Jahn & Son Inc., Henry R.
7 Water St. (4)
Phone: BO 9-4540
911. Jessop Steel Co.
417 Lexington Ave. (17)
Phone: OX 7-9420
912. Johns-Manville Sales Corp.
270 Madison Ave. (16)
Phone: TR 4-1400
913. Johnson Bronze Co.
244 W. 65th St. (23)
Phone: TR 4-1400
914. Johnson Inc., Howard W.
30 Church St. (7)
Phone: WA 5-9677

NEW YORK

915. Johnson Co., R.
50 Church St. (7)
Phone: BE 3-7390
916. Jones & Lamson Machine Co.
30 Rockefeller Plaza, Room 5408 (20)
Phone: CI 7-5416
917. Kaiser Aluminum & Chemical Sales Inc.
300 Park Ave. (22)
Phone: PL 9-1100
918. Kambro Hardware & Paint Corp.
1185 6th Ave. (36)
Phone: CY 9-6060
919. Kass Hardware & Supply Co.
443 E. Tremont Ave. (57)
Phone: CY 9-6060
920. Kennedy Co., William D.
190 Chamber St.
Phone: CO 7-1962
921. Kern & Co. Inc., J. F.
421 7th Ave. (1)
Phone: LO 5-0827
922. Kessler Co., D. E.
23 Leonard St. (13)
Phone: WA 5-3758
923. Keystone Bolt & Nut Corp.
125 Church St.
Phone: CO 7-1456
924. King & Shepherd Inc.
50 Church St. (1)
Phone: CO 7-1456
925. Krenkel Mfg. Co. Inc.
227 Fulton St. (7)
Phone: YU 6-7123
926. Kurzon Inc., Charles E.
Houston St. (2)
Phone: YU 6-7123
927. Lake Erie Machinery Corp.
250 Park Ave. (17)
Phone: YU 6-7123
928. Lake Shore Inc.
17 Battery Pl. (4)
Phone: BO 9-0850
929. Lamb & Co. Inc., Robert D.
370 Lexington Ave. (17)
Phone: MU 3-6135
930. Landres, Arnold G.
17 W. 60th St. (23)
Phone: CO 5-3493
931. La Salle Steel Co.
Chrysler Bldg.
405 Lexington Ave. (17)
Phone: MU 7-4672
932. Leeds & Northrup Co.
711 3rd Ave. (17)
Phone: MU 7-4133
933. Leland Ohio Electric Co.,
21 West St., Room 2307
Phone: BO 9-0898
934. Lemkin & Sons Inc., S.
172 Centre St. (13)
Phone: CA 6-0200
935. Leonard Industrial Supply
60 Lispenard St. (13)
Phone: CA 6-0343
936. Le Roi Div.
45 Rockefeller Plaza (20)
Phone: JU 6-2300
937. Lindberg Engrg. Co.
420 Lexington Ave., Room 801 (17)
Phone: OR 9-8750
938. Litter Co. Inc., D. H.
116 E. 16th St. (3)
Phone: SP 7-4410
939. Lohn Inc., Wm. J.
203 Centre St.
Phone: CA 6-2773
940. Lord Mfg. Co.
630 5th Ave.
Rockefeller Center (20)
Phone: CI 7-3326
941. Loewenthal, Fred
101 Park Ave.
Phone: MU 3-5654
942. Machine Affiliates Inc.
485 5th Ave. (5)
Phone: PL 8-0745
943. Machinery & Machine Supplies Co. Inc.
305 E. 47th St. (17)
Phone: BA 7-3160
944. MacCoy Sales Co.
14 Warren St. (7)
Phone: BA 7-3160
945. MacLane Hardware Co.
25 Warren St. (7)
Phone: WA 5-9285
946. Madison Tool & Equip.
509-11 Hudson St. (14)
Phone: WA 9-0285

SALES OFFICES

NEW YORK

NEW YORK CITY (cont.)

947. Magnaflex Corp.
25 W. 43rd St. (36)
Phone: BR 9-1716
948. Mahon Co., The R. C.
420 Lexington Ave. (17)
Phone: LE 2-7588
949. Manning, Maxwell & Moore Inc.
Chrysler Bldg., Room 808
405 Lexington Ave. (17)
Phone: MU 7-4320
950. Manning Supply Co.
907 Grant Ave. (51)
Phone: CY 3-3076
951. Manson Assoc.
149 Church St.
Phone: CO 7-0211
952. Manson Tool Supply Co.
225 Lafayette (12)
Phone: WA 5-9156
953. Marbais Inc.
15 Park Row (38)
Phone: BE 3-8564
954. Marcy Assoc., Robert J.
1776 Broadway at 57th St.
(19)
Phone: CI 5-3880
955. Markem Machine Agency Inc.
Time & Life Bldg.
9 Rockefeller Plaza (20)
Phone: JU 6-3596
956. Marlin-Rockwell Corp.
40-42 W. 3rd St. (23)
Phone: JU 6-4653
957. Marubeni-Iida Co. Inc.
39 Broadway (6)
Phone: WH 4-9106
958. Material Assoc. Inc.
21 Malden Lane (38)
Phone: BE 3-8564
959. McCormack, William
15 Park Row
Phone: BE 3-8564
960. Melard Mfg. Corp.
432 Austin Pl. (55)
Phone: CO 7-4614
961. Metallizing Co. of Amer. Inc.
431 E. 75th St. (21)
Phone: RH 4-6050
962. Mill Factor Products
53 W. Broadway (7)
Phone: BA 7-8332
963. Miller Electric Mfg. Co. Inc.
250 W. 57th St. (19)
Phone: JU 2-8768
964. Miller Fluid Power Div.
15 W. 44th St.
Phone: LA 4-8160
965. Millers Falls Co.
28 Warren St. (7)
Phone: RE 2-2965
966. Milne & Co., A.
67 W. 44th St. (26)
Phone: OX 7-1557
967. Mitsubishi International Corp.
129 Broadway (5)
Phone: DI 9-3700
968. Mobil Oil Co.
150 E. 42nd St. (17)
Phone: OX 7-4200
969. Mobil Oil Co.
Hippodrome Bldg.
50 W. 44th St. (36)
Phone: YU 4-4666
970. Monogram Electric Products
401 Broadway (13)
Phone: DI 9-0936
971. Moore Distributors, A. A.
111 Leroy St. (14)
Phone: WA 4-0070
972. Moore Products Co.
51 E. 42nd St. (17)
Phone: MU 7-7965
973. Morvey Machinery Co. Inc.
383 Lafayette St.
Phone: AL 4-6580
974. Morse Twist Drill & Machine Co.
37 Park Pl. (7)
Phone: WO 4-4885
975. Morton Machine Works
743 5th Ave. (22)
Phone: PL 5-1376
976. Murdock, P. K.
Box 73, Peter Stuyvesant Station (9)
Phone: CA 9-3011

977. Murray Hill Hardware Co. Inc.
694 3rd Ave. (17)
Phone: CH 2-0327
978. Nathan Inc., Jack
590 West End Ave. (24)
Phone: BA 7-6750
979. National Screw & Mfg. Co., The
2101 Singer Bldg. (6)
Phone: BA 7-6750
980. National Hardware & Equip. Co.
427 W. 42nd St. (1)
Phone: LO 3-4860
981. National Twist Drill & Tool Co.
231 Varick St. (14)
Phone: WA 4-4116
982. Neal & Brinker Co.
28 Warren St. (7)
Phone: WO 2-6940
983. Nelson Inc., A. N.
370 Hamilton Ave. (31)
Phone: MA 5-3860
984. Nelson Stud Welding Div.
Architectural Office
516 5th Ave. (36)
Phone: OS 7-1949
985. New Era Hardware & Supply Co.
839 9th Ave. at 55th St.
(19)
Phone: CO 5-4183
986. New Departure Div. GMC
919 General Motors Bldg.
1775 Broadway (19)
Phone: CI 6-1540
987. N. Y. Brass & Copper Co.
72 5th Ave. (11)
Phone: GR 7-5400
988. N. Y. Twist Drill Co. Inc.
276 Lafayette St. (12)
Phone: WO 6-0551
989. N. Y. Welding Supply Co.
72 Grand St.
Phone: CA 6-5063
990. Niagara Machine & Tool Works
50 Church St. (7)
Phone: CO 7-4614
991. Norca Machinery Corp.
Empire State Bldg. (1)
Phone: LO 4-7225
992. North Amer. Viking Drill Co.
45 Mercer St. (13)
Phone: CA 6-3460
993. Oakite Products Inc.
19 Rector St. (6)
Phone: WH 3-0940
994. Ohio Seamless Tube
70 E. 45th St. (17)
Phone: MU 5-3539
995. Okura & Co.
39 Church St. (7)
Phone: BA 7-6640
996. Oliver Machinery Co.
50 Church St. (7)
Phone: BE 3-8566
997. Omni Export Corp.
460 4th Ave.
Phone: LE 2-1320
998. Opp & Co., M. G.
38 Park Row (38)
Phone: CO 7-3702
999. Osborn Mfg. Co., The
60 E. 42nd St. (17)
Phone: MU 2-1185
1000. Overseas Export Corp.
250 W. 57th St. (19)
Phone: DI 9-0936
1001. Packard Co. Inc., E. B.
139-141 Cedar St. (6)
Phone: WI 7-7682
1002. Palmer, Murray B.
250 Fort Washington Ave.
(32)
Phone: WI 7-7682
1003. Pane, Bernard
230 Park Ave. (17)
Phone: MU 6-8800
1004. Parkell Engrg. Co.
50 Church St. (7)
Phone: CO 7-0797
1005. Patrun Transmission Co.
129 Grand St. (13)
Phone: CA 6-1140
1006. Patterson Brothers
15 Park Row (38)
Phone: MU 2-1185
1007. Pennwell Oil & Belting Co.
480 Lafayette St. (3)
Phone: PL 5-1376
1008. Pensco Products
327 Lexington Ave.
Phone: PL 3-1022

NEW YORK CITY (cont.)

1009. Perfecting Service Co.
200 W. 20th St. (16)
Phone: CH 2-0327
1010. Peterson Brothers
85 Walker St. (13)
Phone: WH 4-6063
1011. Pine Co. Inc., Melvin
115 Broad St. (4)
Phone: WH 4-6063
1012. Polke Co., Paul J.
11 Park Pl. (7)
Phone: RE 2-3139
1013. Polymer Corp. of Pa., The
50 Church St. (7)
Phone: WA 9-7901
1014. Preyer Co., Bernard
165 Broadway, Room 1321
(6)
Phone: BE 3-8188
1015. Price Assoc. Inc., R. K.
509 Madison Ave. (22)
Phone: MU 6-7687
1016. Prints Co., William
358 5th Ave. (1)
Phone: WI 7-7764
1017. Proctor Co., C. D.
30 Church St. (7)
Phone: WO 2-2488
1018. Production Devices Inc.
21 State St. (4)
Phone: WH 4-7359
1019. Product Machine Co., The
197 Lafayette St. (12)
Phone: WO 6-5450
1020. Pyramid Tool & Supply
76 Reade St. (7)
Phone: BE 3-3926
1021. Queller Hardware Co.
129 Lafayette St. (13)
Phone: WO 6-0630
1022. R-F&C Valve Div.
230 Park Ave. (17)
Phone: MU 6-8800
1023. Reed-Prentice Div.
420 Lexington Ave. (17)
Phone: LE 2-5979
1024. Reliance Electric & Engrg. Co.
153 E. 44th St.
Phone: OX 7-7373
1025. Remington Arms Co. Inc.
1009 Empire State Bldg.
250 5th Ave. (1)
Phone: LO 3-6431
1026. Republic Steel Corp.
41st Floor, Chrysler Bldg.
(17)
Phone: OX 7-3500
1027. Revere Copper & Brass Inc.
75 E. 45th St. (17)
Phone: MU 9-6800
1028. Reynolds Metals Co.
19 E. 47th St. (17)
Phone: EL 5-7706
1029. Rhoads & Sons, J. E.
32 Beekman St. (38)
Phone: BE 3-4466
1030. Robbins & Myers Inc.
57 Murray St. (7)
Phone: BE 3-0331
1031. Roberts, A. Perry
3514 Woolworth Bldg. (7)
Phone: BA 7-1245
1032. Rochester Bevel Gear Co.
202 E. 44th St. (17)
Phone: OX 7-0383
1033. Roelke International Corp.
13 E. 40th St. (16)
Phone: MU 9-0200
1034. Rose Assoc., L. G.
30 Church St. (7)
Phone: BA 7-2171
1035. Rotary Lift Co.
246 Fulton St. (7)
Phone: BE 3-1743
1036. Rudel Machinery Co. Inc.
100 E. 42nd St. (17)
Phone: OX 7-2850
1037. Russell, Holbrook & Henderson Inc.
232 Madison Ave. (17)
Phone: MU 5-3494
1038. Sabal-Kielmann Inc.
15 William St. (5)
Phone: BO 9-6323
1039. Sabin St. Germain Assoc.
Graybar Bldg., Suite 2501
420 Lexington Ave. (17)
Phone: OR 9-7130

1040. Santon, Sylvester
33 W. 42nd St.
Phone: CH 4-5391
1041. Sauers, William F.
101 Briarcliff Rd. (16)
Phone: NO 3-1997
1042. San Mar Tool & Equip.
110 Washington St. (6)
Phone: WH 4-5166
1043. Scherr Co., Geo.
200 Lafayette St. (12)
Phone: CA 6-3512
1044. Schramm Inc.
90 West St. (6)
Phone: CO 7-0640
1045. Sciaky Brothers Inc.
1775 Broadway (19)
Phone: CI 6-7740
1046. Seaboard Tool Co.
254 W. 31st St. (1)
Phone: LA 4-6749
1047. Seneca Tool Corp.
90 West St.
Phone: DI 9-1900
1048. Sexauer Mfg., J. A.
2503 3rd Ave.
Phone: BE 3-5970
1049. Sheppard, Stanley
30 Church St. (7)
Phone: BE 3-5970
1050. Shivers Inc., V. T.
120 E. 56th St. (22)
Phone: PL 5-2389
1051. Shur, Max
165 Grand St.
Phone: BE 3-4270
1052. Sid Tool Co. Inc.
164 Lafayette St. (13)
Phone: BE 3-4270
1053. Silcock Assoc. Inc.
70 Pine St. (5)
Phone: WH 3-6160
1054. Silvers Machinery Co., The
441 Lexington Ave. (17)
Phone: MU 7-2469
1055. Simonds Abrasive Co.
11 Park Pl. (7)
Phone: CO 7-2521
1056. Simmons Machine Tool
50 E. 42nd St. (17)
Phone: MU 2-5841
1057. Simplex Industrial Corp.
231 Centre St. (13)
Phone: CA 6-3238
1058. Sinclair Refining Co.
153 E. 44th St. (17)
Phone: OX 7-6700
1059. SKIL Corp.
2810 Park Ave. (51)
Phone: LU 5-6700
1060. Smith, Howard F.
259 W. 14th St. (11)
Phone: CH 2-2398
1061. Smith Welding Supply, T. W.
446 W. 54th St.
Phone: TU 2-6868
1062. Snap-on Tools Corp.
2807 White Plains Rd. (67)
Phone: TU 2-6868
1063. Sol Tool Co.
126 Lafayette St. (13)
Phone: WA 5-0923
- 1063A. South Chester Corp.
69 Day St. (7)
Phone: 4-3459
1064. Spaulding Fibre Co. Inc.
384 E. 149th St. (35)
Phone: CY 2-1006
1065. Sperry Products Co.
60 E. 42nd St. (17)
Phone: OX 7-0187
1066. Splvack, Charles
17 W. 60th St., Rooms 605-606 (23)
1067. Standard Conveyor Co.
101 W. 31st., Room 2304
(1)
Phone: LO 3-4660
1068. Standard Tool Co.
155 Avenue of Americas
(13)
Phone: WA 4-8615
1069. Stanlaine Die & Tool Corp.
453 Greenwich St. (13)
Phone: WO 6-0657
1070. States Trading Co.
401 Broadway (13)
Phone: WO 2-4872
1071. Sterling Electric Motors Inc.
6 E. 45th St. (17)
Phone: OX 7-1060
1072. Stokvis & Sons Inc., R. S.
17 Battery Pl. (4)

SALES OFFICES

NEW YORK CITY (cont.)

- 1073. Sumitomo Shoji N. Y. Inc.
149 Broadway (6)
Phone: WO 4-3144
- 1074. Sun Oil Co.
420 Lexington Ave. (17)
Phone: LE 3-9200
- 1075. Sunnen Products Co.
250 W. 57th St. (19)
Phone: CO 5-1437
- 1076. Surplus, Dunn & Appleyard
57 Leonard (13)
Phone: BA 7-4770
- 1077. Syntrol N. Y. Sales Co.
1860 Broadway, Room 406
(23)
Phone: JU 6-1507
- 1078. Taft-Peirce Mfg. Co., The
5301 Woolworth Bldg. (7)
Phone: CO 7-7228
- 1079. Taylor Devices Inc.
Suite 4716, Empire State
Bldg. (1)
Phone: LO 4-3460
- 1080. Technolloy Export Co.
150 Nassau St., Room 1430
Phone: DI 9-2470
- 1081. Tek Bearing Co.
17 Lafayette St. (13)
Phone: BA 7-9152
- 1082. Teltech International Corp.
431 5th Ave. (16)
Phone: MU 3-3400
- 1083. Texaco Inc.
205 E. 42nd St. (17)
Phone: OX 7-8000
- 1084. Timken Roller Bearing Co.
150 Broadway, Room 1607
(38)
Phone: WO 2-1890
- 1085. Topflight Corp.
10 E. 40th St. (16)
Phone: MU 4-0106
- 1086. Topping Brothers
159 Varick St. (13)
Phone: AL 5-4000
- 1087. Tracy, Frank
202-204 Centre St. (13)
Phone: CA 6-3500
- 1088. Transmission Equip. Co.
441 Lexington Ave. (17)
Phone: MU 2-1846
- 1089. Triplex Machine Tool Corp.
75 West St. (6)
Phone: MU 2-3553
- 1090. Tubular Rivet & Stud Co.
11 Park Pl. (7)
Phone: WO 2-3553
- 1091. Uddeholm Co. of Amer. Inc.
155 E. 44th St. (17)
Phone: MU 7-4575
- 1092. Union Steel Products Co.
141 E. 44th St.
Phone: MU 2-6171
- 1093. Union Twist Drill Co.
28-30 Park Pl.
Phone: WO 2-0223
- 1094. United Services
342 Madison Ave. (17)
Phone: OX 7-0087
- 1095. United Greenfield Corp.
32 Worth St. (13)
Phone: U. S. Gauge Div.
1242 Woolworth Bldg. (7)
Phone: RE 3-3822
- 1097. U. S. Gypsum Co.
415 Madison (17)
Phone: PL 9-6580
- 1098. U. S. Grinding Wheel Co.
112 Lafayette St.
Phone: CA 6-2892
- 1099. U. S. Steel Corp.
71 Broadway (6)
Phone: DI 4-900
- 1100. U. S. Steel Export Co.
100 Church St. (8)
Phone: CO 7-7474
- 1101. U. S. Steel Products Div.
30 Rockefeller Plaza (20)
Phone: CI 5-3100
- 1102. United Tool & Cutter Corp.
3 Howard St.
Phone: CA 6-7140
- 1103. Upton Braden & James Inc.
15 William St. (5)
Phone: BO 9-3558
- 1104. Valvoline Oil Co.
150 Broadway (28)
Phone: RE 2-3450

- 1105. Vanadium-Alloys Steel Co.
270 Madison Ave. (16)
Phone: MU 3-5370
- 1106. Vandyck Churchill Co.
92 Liberty St. (6)
Phone: BA 7-0933
- 1107. Vascology-Ramet Corp.
140 W. 79th St. (24)
Phone: SC 4-4827
- 1108. Vatco Engrg. Co.
150 Broadway (38)
Phone: WO 2-7805
- 1109. Veeder-Root Inc.
1775 Broadway (19)
Phone: CI 7-2066
- 1110. Veselak Co. Inc., The
30 Church St. (7)
Phone: CO 7-5573
- 1111. Veteran Tool & Supply Co.
183 Grand St. (13)
Phone: WO 4-5867
- 1112. Victor Machinery Exchange
251 Centre St. (13)
Phone: CA 6-5575
- 1113. Vincent Co., Arthur J.
401 Broadway, Room 912
(13)
Phone: WA 5-6307
- 1114. Wagner, E. W.
41 E. 42nd St., Room 805
Phone: MU 2-4420
- 1115. Wallace Machine Tool Co.
50 Church St.
Phone: BE 3-6545
- 1116. Waste Handling Equip.
225 W. 34th St., Room 2218
Phone: CH 4-3176
- 1117. Webb Co., Jervis B.
237 1st Ave. (3)
Phone: GR 5-7510
- 1118. Wechsler-Weiss, Louis,
George
120 Liberty St. (6)
Phone: CO 7-5104
- 1119. Well Co., Fred J.
105 Lafayette St.
Phone: CA 6-4256
- 1120. Weinstock Brothers Inc.
384 3rd Ave.
Phone: CA 6-4256
- 1121. Weiss & Co., H.
113 Mercer St.
Phone: CA 6-4256
- 1122. Weiss, W. W.
1780 Broadway (19)
Phone: CI 6-5777
- 1123. Wellman International Inc.
2612 Graybar Bldg.
420 Lexington Ave. (17)
Phone: LE 2-9841
- 1124. Wells Sales Co. Inc., J. G.
267 Lafayette St.
Phone: CA 6-0856
- 1125. West End Hardware & Sup-
ply
353 W. 48th St. (36)
Phone: OX 5-0925
- 1126. Western Gear Corp.
500 5th Ave. (36)
Phone: OX 5-0925
- 1127. Westinghouse Air Brake Co.
45 Rockefeller Plaza, Suite
1655 (20)
Phone: JU 6-2300
- 1128. Whitehead Metals Inc.
303 W. 10th St. (14)
Phone: WA 4-1500
- 1129. Whiting Corp.
30 Church St., Room 421
(7)
Phone: RE 2-9655
- 1130. Whitman & Barnes
165 Church St. (7)
Phone: WO 2-1848
- 1131. Wilke Assoc., T. E.
Phone: DI 4-7173
- 1132. Williams & Co., J. H.
32 Worth St. (13)
Phone: BE 3-5760
- 1133. Wilson Inc., O. C. & K. R.
78 Dey St. (7)
Phone: BA 7-3226
- 1134. Winter Brothers Co.
231 Varick St. (14)
Phone: WA 4-5843
- 1135. Wolf Sons Co., S.
771 9th Ave.
Phone: CO 5-2046
- 1136. Wright-Hoist Div.
230 Park Ave.
Phone: MU 6-8800

NIAGARA FALLS

- 1137. Balanrol Corp.
3105 Pine Ave.
Phone: ID 4124
- 1138. Bearings Inc.
3105 Pine Ave.
Phone: BU 4-0439
- 1139. Campbell Elevator Co.
425 1st St.
Phone: BU 4-0439
- 1140. Falls Welding Supply Co.
3406 Hyde Park Blvd.
Phone: ID 5551
- 1141. General Electric Co.
44 Falls St.
P. O. Box 715
Phone: BU 4-0441
- 1142. Hill, George
1020 15th St.
Phone: BU 4-0741
- 1143. Syracuse Bearing Co.
2903 Pine Ave.
Phone: 4-8846
- 1144. Taylor Co., H. D.
560 56th St.
Phone: BU 3-8733
- 1145. Varcum Chemical Div.
P. O. Box 476
Phone: BU 2-2356

NORTH MASSEPEQUA

- 1146. Sheehan, Arthur
109 James St.

NORTH MERRICK

- 1147. Hamann Supply Co. Inc.
1100 South Dr.
Phone: IV 3-0708
- 1148. Whitney, Arthur J.
10 Cedar St.
Phone: FR 8-5581

NORTHPORT

- 1149. Barr, Richard W. C.
57 Oak St.
Phone: MU 2-5844

NORTH SYRACUSE

- 1150. Kelly Tool Co.
121 Fay Park Dr.
Phone: GL 8-2840
- 1151. Moore, Willard F.
S. Bay Rd., Box 312
Phone: GL 8-4962

NORTH TARRYTOWN

- 1152. Mallory & Co. Inc., P. R.
60 N. Elm St.
Phone: ME 1-4500

NORTH TONAWANDA

- 1153. Cramer Hardware Co. Inc.,
The
28-26 Webster St.
1154. National Grinding Wheel
Co.
Erie Ave. & Walck Rd.
1155. Niagara Cutter Div.
330 Niagara St.
Phone: LU 8400
- 1156. Schwarz & Sons, Ralph C.
P. O. Box 26
Phone: LU 7433
- 1157. Tool Products Corp.
377 Old Falls Blvd.
Phone: FO 7-3454
- 1158. Walsh, J. T.
P. O. Box 517

NYACK

- 1159. Willcox & Gibbs Sewing
Machine Co.

OCEANSIDE

- 1160. Sun Oil Co.
Hampton Rd. & Maple Co.
Phone: CE 4-5300

OLEAN

- 1161. General Industrial Sales
P. O. Box 153
Phone: 3632
- 1162. Levalley-McLeod Inc.
1624 State St.
Phone: OL 2-2111
- 1163. McKean Steel Inc.
921 N. 4th St.
Phone: 2-2028

ONEONTA

- 1164. Hurtubise, E. C.
297 Chestnut St.

ORCHARD PARK

- 1165. Aronson Co.
Nehercrest Lane
Phone: ID 7722

NEW YORK

- 1166. Harvey Co., Wm. G.
56 Chauncey Lane
Phone: ID 4124
- 1167. Jarvis-Webb Co.
P. O. Box 432
Phone: ID 5888
- 1168. Reed-Prentice Div.
2 Lockwood Lane
Phone: ID 5551
- 1169. Williams, R. R.
56 Chauncey Ave.

OSWEGO

- 1170. Doherty, William
17 Lawrence St.
Phone: OS 1830 W
- 1171. Mylchreest, Fred
R. F. D. 4
Phone: OS 2967 M1
- 1172. Northeastern Assoc. Inc.
12 E. Bridge St. (11)
P. O. Box 284
Phone: 2506

PALMYRA

- 1173. Garlock Packing Co., The
402 Main St.
Phone: LY 7-4811

PEARL RIVER

- 1174. Lillquist, Arthur T.
53 Wright St.
Phone: PE 5-8847

PEEKSKILL

- 1175. Ednalite Optical Co.
- 1176. Lakeland Machine Tool Co.
Roa Hook Rd. & Route 9
Phone: PE 7-2838

PENHAM MANOR

- 1177. Ackerman, Charles
10 Elm Tree Lane
Phone: PE 8-3231
- 1178. Esso Standard Div.
Hutchinson River Parkway.
Phone: PE 8-4700
- 1179. Nielsen Hydraulic Equip.
Inc.
6 Penn Pl. (65)
Phone: PE 8-3000
- 1180. Sun Oil Co.
Secor Lane & Hillside Rd.
(65)
Phone: PE 8-3040

PENFIELD

- 1181. Grove, Lou D.
145 Highledge Dr.
Phone: LU 6-7727
- 1182. Potter, Herbert A.
828 Embury Rd.
Phone: HU 2-8923

PITTSFORD

- 1183. Denison Engrg. Div.
37 Butternut Dr.
Phone: LU 6-7493
- 1184. Lapp, Irving A.
P. O. Box 153
Phone: LU 6-7584
- 1185. Lynch, Truman R.
112 Washington Rd.
Phone: LU 6-6559
- 1186. Pheoll Mfg. Inc.
111 Crescent Hill Rd.
Phone: LU 6-4150
- 1187. Smith, Louis J.
16 S. Main St.
Phone: HI 5-2644
- 1188. Sunnen Products Co.
167 W. Brook Rd.
Phone: GR 3-9846

PLAINVIEW

- 1189. Electronics Mfg.
127 Grace St.
Phone: WE 1-3701

PLATTSBURG

- 1190. Hulbert Brothers Inc.
Upper Cornelia St.
Phone: 1091

PLEASANTVILLE

- 1091. Oakite Products Inc.
17 Brookfield Pl.
Phone: RO 9-0764

SALES OFFICES

NEW YORK

POMPEY

1192. Hammond, George
P. O. Box 77
Phone: OR 7-3124

PORT CHESTER

1193. Kalt, Charles
5 May Pl.
Phone: WE 9-1395
1194. Russell, Burdall & Ward
Bolt & Nut Co.
Midland Ave.
Phone: WE 9-6000

PORT WASHINGTON

1195. Aaron, Paul D.
Professional Bldg.
Port Washington Blvd.
Phone: PO 7-8480

POUGHKEEPSIE

1196. Andrews Hardware Co. Inc.,
J. E.
279 Main St.
1197. Ark Industrial Supply Corp.
393 E. Main St.
Phone: GL 4-4411
1198. B & J Tool Co.
1199. Electra Industrial Distributors
Inc.
365-367 Mill St.
Phone: GL 4-3160
1200. IBM Corp.
Phone: GL 4-1000
1201. Johnson Co. Inc., J. D.
33 Main St.
1202. Pruden Co. Inc., W. E.
364 Mill St.
Phone: 5456
1203. Sanctuary, Harry I.
165 Garden St. cor. Parker
Ave.
P. O. Box 1218
Phone: 5584
1204. Schultz & Anderson Co.
25 Oakwood Blvd.
Phone: GL 4-1605
1205. Tek Bearing Co. Inc.
109 Smith St.
Phone: GL 2-3560
1206. Weelde-the-Weider
6 N. Clinton St.

QUEENS VILLAGE

1207. Richards, R. W.
217-06 Spencer Ave.
Phone: HO 5-4369

RECO PARK

1208. Adco Pneumatic Inc.
62-60 102nd St. (74)
Phone: LI 4-8000

RHINEBECK

1209. Hart, Bernard F.
26 E. Market St.
Phone: TR 6-6137

RICHMOND HILL

1210. Dale Gear & Bearing Co.
114-15 Atlantic Ave. (18)
Phone: VI 6-4200
1210A. Brady & Engel
1078 Cypress Ave. (27)
Phone: VA 1-7057

ROCHESTER

1211. A. D. Supply Inc.
36 Vick Park A
Phone: GR 3-3510
1212. Acheson Colloids Co.
907 Monroe Ave. (20)
Phone: GR 3-2536
1213. Adams Inc., Ogden R.
3700 East Ave. (18)
Phone: LU 6-4470
1214. Alkon Products Corp.
19 Rosalie Dr.
Phone: UN 5-4997
1215. Allen, Edward F.
132 Hedgegarth Dr. (17)
Phone: CO 6-0048
1216. Allis-Chalmers
10 Gibbs St. (4)
Phone: BA 5-4060
1217. Allis Co., The Louis
Prudential Insurance
Bldg.
895 Winton Rd., S.
P. O. Box 8335, Roselawn
Branch (18)
Phone: HI 5-5380
1218. Aluminum Co. of Amer.
Erdle Bldg. (18)
Phone: LU 6-6696
1219. Amer. Brass Co., The
409 Clinton Bldg. (4)
Phone: HA 6-3350
1220. Amer. Felt Co.
82 St. Paul St. (4)
Phone: LO 2-3163
1221. Amer. Instrument Co. Inc.
1341 Dewey Ave.
Phone: GL 3-3849
1222. Anstice Co. Inc., The
111 Humbolt St. (9)
Phone: BU 7040
1223. A-R-CO Fluid Power Inc.
907 Monroe Ave. (20)
Phone: BR 1-2121
1224. Arrow Conveyor Equip.
P. O. Box 91, Roselawn
Branch (18)
1225. Barber, Gilbert L.
703 Temple Bldg.
Phone: HA 5514
1226. Beach Plastics Inc.
890 Winton Rd., S. (18)
Phone: BR 1-1550
1227. Behrmann, Andrew
270 Cobb Terrace (20)
Phone: BR 1-2324
1228. Bellows-Valvair
3104 Munroe Ave. (18)
Phone: LU 6-1967
1229. Bel-Ray Co. Inc.
4350 Ridge Rd., W. (15)
Phone: GL 3-1266
1230. Bliss Co., E. W.
800 Linden Ave. (10)
Phone: LU 6-9030
1231. Bowlian, R. J.
195 Belcoda Dr.
Phone: GR 3-8513
1232. Brace-Mueller-Huntley Inc.
315 Hollenbeck St. (1)
Phone: CO 6-6566
1233. Braeburn Alloy Steel Corp.
291 Buell Rd.
Phone: FA 8-9480
1234. Bridgeport Brass Co.
11 N. Goodman St. (7)
Phone: BR 1-6530
1235. Britton Machinery Sales
Inc., R. H.
66 Meadowbrook Rd.
Phone: BR 1-0454
1236. Brook-Anco Corp.
75 College Ave. (7)
Phone: BR 1-4100
1237. Brook Co., Victor
171 Rockingham St. (20)
Phone: GR 3-1805
1238. Brown & Sharpe Mfg. Co.
45 Exchange St. (14)
Phone: BA 5-8330
1239. Brunton & Son Inc., G. W.
74 Park Ave. (7)
Phone: RI 2322
1240. Burke Steel Co. Inc.
Box 514 (2)
Phone: BE 5-0080
1241. Burns Inc., Robert G.
241 East Ave. (4)
Phone: BA 5-7510
1242. Campbell Elevator Co. Inc.
399 Mt. Hope Ave. (20)
1243. Carlson, William
462 Empire Blvd. (9)
Phone: HU 2-8552
1244. Carrier Corp.
820 Reynolds Arcade
162 Main St., E. (14)
Phone: HA 6-5090
1245. Chapin-Owen Co. Inc.
205 St. Paul St. (4)
Phone: LO 3-6880
1246. Chase Brass & Copper Co.
45 Exchange St. (14)
Phone: HA 6-3959
1247. Clark Controller Co.
907 Monroe St. (20)
Phone: GR 3-8610
1248. Clark, Howard N.
830 Linden Ave. (10)
Phone: LU 6-0371
1249. Clark-Witbeck Co.
640 Trolley Blvd. (4)
Phone: GL 3-4009

ROCHESTER (cont.)

1250. Clough, John
P. O. Box 107
Phone: BU 8-3180
1251. Cody, P. J.
2815 Monroe Ave.
1252. Commercial Chemicals Inc.
36 Winthrop St. (7)
Phone: BA 7659
1253. Continental Screw Co.
P. O. Box 191 (1)
Phone: HO 24-4A
1254. Cook Iron Store Co.
122-128 St. Paul St. (4)
1255. Crane Packing Co.
126 Clardale Dr. (16)
Phone: NO 3-8271
1256. Cross Brothers Co. Inc.
112-114 Mill St. (1)
Phone: BA 5-9595
1257. Cross & Sons, H. M.
232 Mill St.
Phone: HA 6-7440
1258. Crump, P. W.
240 Windemere Rd.
Phone: HU 2-5513
1259. Danly Machine Specialties
33 Rutter St. (6)
Phone: GL 3-8292
1260. Daystrom Inc.
207 Burke Bldg.
5 St. Paul St. (4)
Phone: BA 5-9546
1261. Denton & Anderson Co., The
33 Avon Rd.
Phone: GR 3-0690
1262. DeStefani, T. B.
335 E. Main St. (4)
Phone: LO 5250
1263. Deverell, Jr., Robert W.
3061 Chili Ave. (11)
Phone: BE 5-2457
1264. Eastman Kodak Co.
1187 Ridge Rd., W.
1265. Eisenhart Inc., R. H.
2815 Monroe Ave. (18)
Phone: GR 3-2657
1266. Erskine-Healy Inc.
420 St. Paul St. (5)
Phone: LO 2-7980
1267. Ex-Cell-O
2815 Monroe Ave. (18)
Phone: GR 3-4600
1268. Fafnir Bearing Co., The
1664 Monroe Ave. (18)
Phone: GR 3-6140
1269. Falk Mill Supply Co.
18 Ward St. (5)
Phone: BA 5887
1270. Farley Inc., C. K.
37 Centennial St. (11)
Phone: BE 5-3320
1271. Federal Products Corp.
75 College Ave. (7)
Phone: GR 3-0771
1272. Ferguson Machine Corp.
P. O. Box 657 (13)
Phone: GR 3-6480
1273. Ferguson Sales Co.
P. O. Box 3893
Phone: HU 2-7757
1274. Fink Tool Co.
P. O. Box 681 (3)
Phone: BU 9-4195
1275. Fitzgerald Sales
P. O. Box 4044 (10)
Phone: GR 3-8513
1276. Follansbee Metals Corp.
P. O. Box 117 (1)
Phone: GL 3-8060
1277. Forster Co., John M.
110 Mill St. (1)
Phone: HA 6-9603
1278. French Co. Inc., M. J.
226 Arbordale Ave.
P. O. Box 3823
Phone: HU 2-8129
1279. Gay, Axel
26 Riverside St. (13)
Phone: GL 3-3703
1280. General Electric Co.
89 "E" Ave. (4)
Phone: BA 6-7220
1281. Genesee Machine Builders
1732 Hudson Ave. (21)
Phone: CO 0432
1282. Ginegaw Sales Co., Don
75 College Ave. (7)
Phone: HI 5-1505
1283. Gell-Hanford Corp.
1664 Monroe Ave. (18)
Phone: GR 3-8323
1284. Great Lakes Sales & Engrg.
Co.
2612 Ridge Rd., W.
Phone: UN 5-7857
1285. H & C Tool Supply Corp.
1239 University Ave. (7)
Phone: BR 1-2255
1286. Hansen Sales Assoc.
1650 E. Main St.
Phone: HU 2-3644
1287. Hebner Co., C. F.
597 Woodbine
Phone: FA 8-1927
1288. High Speed Hammer Co. Inc.
The
313 Norton St. (21)
Phone: CO 6-6740
1289. Hollenbeck, E. L.
141 Dale Rd. (10)
Phone: HI 5-1545J
1290. Holliday-Hathaway Co. Inc.
Box 1081 (3)
Phone: GR 3-1270
1291. Horne, James O.
75 College Ave. (7)
Phone: BR 1-3810
1292. Houghton & Co., E. F.
P. O. Box 773 (3)
Phone: GR 3-4169
1293. Hunter Spring Co.
147 Congress St. (11)
Phone: BE 5-0550
1294. Huther Brothers Saw Mfg.
Co. Inc.
1290 University Ave. (7)
Phone: GR 3-4962
1295. Hyder Machinery & Tool Co.
90 S. Washington St.
Phone: BA 5-4831
1296. Ind. Steel Products
1463 Monroe Ave. (18)
Phone: HI 5-0550
1297. Insley-McEntee Equip. Co.
1112 Emerson St. (6)
Phone: GL 3-1250
1298. Jackson Welding Supply Co.
535 Buffalo Rd. (11)
Phone: BE 5-2920
1299. Jacobs, R. M.
33 Avon Rd. (10)
Phone: GR 3-0690
1300. Keller Industrial Products
217 East Ave. (4)
Phone: HA 3255
1301. Kelley Co., R. J. R.
4547 Dewey Ave. (12)
Phone: NO 3-7861
1302. Kennametal Inc.
907 Monroe Ave. (7)
Phone: BR 1-5420
1303. Kress Tool Krib
565 Main St., E.
1304. Laffan Co. Inc., Frank E.
167 Charlotte St. (7)
Phone: BA 5-9780
1305. Laffer Engraving Co. Inc.
194 Mill St. (1)
P. O. Box 196
1306. Lazor, John
P. O. Box 307 (1)
Phone: LU 6-6619
1307. Leach & Assoc.
P. O. Box 122 (1)
Phone: UN 5-2877
1308. Leland-Gifford Co.
P. O. Box 4724, Charlotte
Station (12)
Phone: CH 2-5256
1309. Liberty Tool & Die Corp.
189 N. Water St. (4)
Phone: HA 6-8098
1310. Lindberg Engrg. Co.
48 Wendover Rd. (10)
P. O. Box 3957
Phone: HU 2-4680
1311. Macaulay Machinery Co.
1055 Sibley Tower Bldg.
25 North St. (4)
Phone: BA 5095
1312. Mack, James B.
431 Malden St. (15)
Phone: UN 5-5716
1313. Macomber, C. R.
763 Temple Bldg.
14 Franklin St.
1314. Macrae Co., H. D.
70 Queens St. (9)
Phone: BU 8-2158

SALES OFFICES

ROCHESTER (cont.)

- 1315. Mendon Hydraulic Sales Co.
65 Atlantic Ave. (7)
Phone: GR 3-5018
- 1316. Micro Switch
841 Maple St. (11)
Phone: FA 8-0373
- 1317. Miller Fluid Power Div.
114 Thistledown Dr.
Phone: CO 6-1660
- 1318. Milne & Co. Inc., A.
P. O. Box 107 (1)
Phone: BU 8-3186
- 1319. Montbach, Frank X.
225 Sagamore Dr. (17)
Phone: HU 2-9510
- 1320. Morse & Son Inc., C. H.
21 N. Water St. (4)
- 1321. Myers, F. A.
52 Goraline St.
Phone: LO 2-4778
- 1322. Neal Co. Inc., R. C.
572 Lyell Ave. (3)
P. O. Box 1750
Phone: GL 3-9390
- 1323. Nelson, Robert J.
P. O. Box 177 (1)
Phone: GR 3-4169
- 1324. Niagara Electric Sales Co.
133 S. Clinton
Phone: HA 6-2070
- 1325. O & B Equip. Co.
2649 Atlantic Ave. (10)
Phone: LU 6-3324
- 1326. Oakite Products Inc.
226 Fitch Bldg.
315 Alexander St. (4)
Phone: BA 5-3377
- 1327. Oberne, H. E.
P. O. Box 1241 (3)
Phone: BR 1-2144
- 1328. Ontario Metal Supply
99 Mt. Hope Ave. (20)
Phone: HA 6-1636
- 1329. Owens Machinery Co., J. F.
P. O. Box 1144 (1)
- 1330. Palmer Supply Co.
276 Lafayette Rd. (1)
P. O. Box 52
Phone: BU 8-4807
- 1331. Peck, Victor
P. O. Box 101 (1)
Phone: BA 5-6004
- 1332. Pennington, James A.
36 Winthrop St. (7)
Phone: HA 5-9818
- 1333. Peterzell, Victor
305 Webster Ave. (9)
Phone: HU 2-8160
- 1334. Powell Inc., W. H.
49 Dorchester Rd. (10)
Phone: HU 1312
- 1335. Power Drives Inc.
657 Monroe St. (7)
Phone: BR 1-1113
- 1336. Pratt & Whitney Co. Inc.
800 Linden Ave. (10)
Phone: LU 6-4212
- 1337. Precision Tool & Gage Co.
240 Windemere Rd. (10)
Phone: HU 2-5513
- 1338. Precision Tools Co.
P. O. Box 107 (1)
Phone: BU 8-3180
- 1339. Production Tool & Gage Co.
468 Monroe Ave. (2)
P. O. Box 545
Phone: GR 5757
- 1340. Product Machine Co., The
1391 Mt. Read Blvd. (6)
Phone: GL 3-1810
- 1341. Rapistan of N. Y. Inc.
42 "E" Ave., Room 209
Phone: BA 5-2472
- 1342. Reed-Tollefson Corp.
2815 Monroe Ave. (18)
Phone: HI 5-0450
- 1343. Reid, Leon C.
512 Linden Ave. (10)
Phone: LU 6-3029
- 1344. Reliance Electric & Engrg.
Co.
890 Winton Rd., S.
Phone: BR 1-6009
- 1345. Revere Copper & Brass Inc.
31 Gibbs St. (4)
Phone: BA 5-6540
- 1346. Reynolds Metals Co.
Anderson Hall, Room 302
75 College Ave.
Phone: BR 1-5068

ROCHESTER (cont.)

- 1347. Ribble Co., C. H.
703 Temple Bldg.
14 Franklin St. (4)
Phone: BA 5-9372
- 1348. Richter Corp., William
790 Linden Ave. (10)
Phone: LU 6-4464
- 1349. Roby Co., The Sidney B.
208 South Ave. (4)
Phone: BA 5-4220
- 1349A. Robeson, James P.
32 Oakmount Dr.
Phone: BR 1-2111
- 1350. Rochester Industrial Supply
Co.
32 University Ave. (5)
Phone: HA 6-3664
- 1351. Rochester Industrial Trucks
Inc.
1168 Lexington Ave. (6)
Phone: GL 3-2122
- 1352. Rochester Safety Equip. Co.
83 Howell St. corner Mon-
roe
Phone: HA 5-2376
- 1353. Rochester Scale Works
928 Clinton Ave., N. (21)
Phone: BA 5-0455
- 1354. Roessel & Co.
1370 Hudson Ave. (21)
Phone: FI 2-8230
- 1355. Ross Equip. Co. Inc.
75 College Ave. (7)
Phone: BR 1-5666
- 1356. Scheifer-Phillipp Machinery
39 State St. (14)
Phone: BA 5-0944
- 1357. Schwarz & Sons, Ralph C.
75 College Ave. (7)
Phone: BR 1-4696
- 1358. Selas Corp. of Amer.
885 Winton Rd., S. (18)
Phone: GR 3-6370
- 1359. Siewert Equip. Co.
175 Akron St. (9)
Phone: HU 2-9440
- 1360. Smith Rubber Co.
P. O. Box 1022
Phone: BA 5-3227
- 1361. Spain, F. J.
364 Kilbourn Rd. (18)
Phone: LU 6-4452
- 1362. Steeves Machine Tool Sales
70 Greenleaf St.
Phone: CH 2-3429
- 1363. Stem & Heider Co.
23 Shepler St. (12)
Phone: NO 3-7755
- 1364. Sterling Electric Motors Inc.
3700 East Ave. (18)
Phone: LU 6-7660
- 1365. Stevenson, Walter T.
34 Burley Ave.
Phone: NO 3-0533
- 1366. Stoehr, Paul M.
35 Cutler St. (21)
Phone: CO 6-7061
- 1367. Stokes Corp., F. J.
1795 Monroe Ave. (18)
Phone: GR 3-1940
- 1368. Straw, E.
2815 Monroe Ave. (18)
Phone: GR 3-4660
- 1369. Sun Oil Co.
760 Brooks Ave. (19)
Phone: FA 8-5430
- 1370. Syracuse Bearing Co.
159 Comfort St.
Phone: HA 6-3290
- 1371. Syracuse Supply Co.
311 Alexander St.
Phone: LO 6970
- 1372. T T Bearing Co.
454 Court St. (7)
Phone: BA 5-4650
- 1373. Templeton, G. R.
342 Caroline St. (20)
Phone: HI 5-3404
- 1374. Thom & Co. Inc., William
900 Jefferson Rd. (23)
Phone: BR 1-0931
- 1375. Thompson, O. A.
52 Ranch Village Lane (11)
Phone: BE 5-4008
- 1376. Threadwell Tap & Die Co.
48 Walbert Dr. (11)
Phone: ID 6-4026

ROCHESTER (cont.)

- 1377. Tool & Die Supply
17 Silver St. (11)
Phone: ID 6-1515
- 1378. Towne Corp., A. C.
703 Temple Bldg. (4)
Phone: BA 5-7375
- 1379. Union Carbide Plastics Co.
3700 East Ave. (18)
Phone: LU 6-3910
- 1380. Vascology-Ramet Corp.
75 College Ave. (7)
Phone: BR 1-3810
- 1381. Vickers Inc.
302 Hiram Sibley Bldg.
311 Alexander St. (4)
Phone: LO 2-5384
- 1382. Wallace, T. H.
500 Bonnie Brae (18)
Phone: HI 5-5187
- 1383. Warner & Swasey Co., The
Hiram Sibley Bldg.
311 Alexander St. (4)
Phone: HA 6-3535
- 1384. Warren Abrasive Co.
316 Wyndham Rd. (9)
Phone: BU 8-2392
- 1385. Welding Supply Corp.
510 State St.
Phone: BA 5-6144
- 1386. Weller, J. F.
935 Main St., E. (5)
Phone: HA 6-8575
- 1387. Will Corp.
Box 1050 (3)
- 1388. Windheim Tool Co.
145 University Ave. (5)
Phone: BA 5-6746
- 1389. Witbeck Clark Co.
Trolley Rd.
Phone: GL 3-4000
- 1390. Wolcott, Donald F.
4004 St. Paul Blvd. (17)
Phone: FI 2-3120
- 1391. Wood, Carleton
P. O. Box 8504 (19)
- 1392. Woodburn Co., Wm.
207 Burke Bldg. (4)
Phone: BA 5-0701
- 1393. Young Assoc.
907 Monroe Ave. (20)
Phone: BR 1-2136
- 1394. Zissler, A. F.
3700 East Ave. (18)
Phone: LU 6-6226

ROCKAWAY PARK

- 1395. Electrical Equip. Sales
408 Beach 137th St. (94)
Phone: GR 4-7950

ROCKVILLE CENTER

- 1396. Muenz Co., O. A.
56 Brower Ave.

ROME

- 1397. Revere Copper & Brass Inc.
P. O. Box 151
Phone: RO 2000
- 1398. Toinitch Machinery, George
F.
104 W. Locust St.
Phone: 2239-R
- 1399. Wardwell Hardware Co. Inc.
107 W. Liberty St. (1)

ROMULUS

- 1400. Bushnell, Donald J.
R. D. 1
Phone: MacDougall Jus-
tice 5-6342

ROSLYN

- 1401. East Coast Engrg. Sales &
Service
1405 Northern Blvd.

ROSLYN HEIGHTS

- 1402. Schlanger, Morris
48 Clover Lane
Phone: MA 1-3461

ST. ALBANS

- 1403. Allied Bolt & Mill Supply
Inc.
187-03 Balsley Blvd.

SCARSDALE

- 1404. Kaiser, A. L.
3 Walbrooke Circle
Phone: SC 3-2042

NEW YORK

SCHENECTADY

- 1405. Automation-Sales Engrg. Co.
434 State St.
P. O. Box 1020
Phone: EX 3-1747
- 1406. Baldwin-Lima-Hamilton
509 State St.
Phone: EX 3-1375
- 1407. Beekman Inc., Douw F.
17 S. Church St. (5)
Phone: DI 6-3413
- 1408. Clark-Witbeck Co.
1482 Erie Blvd. (1)
P. O. Box 1039
Phone: FR 4-4161
- 1409. Ex-Cell-O Corp.
226 State St.
Phone: FR 2-3230
- 1410. Goodwin, Dexter H.
Wemple Bldg., Apt. 8
Netherlands Village
- 1411. Harrington-Wilson-Daum
Corp.
2337 Barcelona Rd. (9)
Phone: FR 7-3923
- 1412. Heppenstall
530 Franklin St.
Phone: DI 6-4263
- 1413. Langley, Robert E.
611 Union St. (9)
Phone: FR 2-3141
- 1414. LeValley, McLeod Inc.
126-146 Van Goyaling Ave.
(5)
Phone: FR 4-3101
- 1415. Monson Welding Sales Inc.
203 Central Ave.
Phone: DI 5-8562
- 1416. Syntron Syracuse Sales Co.
Inc.
2159B Daisy Lane
Van Buren Park
Phone: FR 2-6921
- 1417. Syracuse Supply Co.
Curry Rd.
P. O. Box 447
Phone: EL 5-2000
- 1418. Van Aalstine Tool Co. Inc., R.
205 Central Ave.
Phone: FR 2-3070
- 1419. Wals, Robert C.
Old State Rd. (3)

SCOTIA

- 1420. Redford Corp.
262 Saratoga Rd.
Phone: EX 9-1124

SENECA FALLS

- 1421. Pomeroy, W. D.
84 Cayuga St.
P. O. Box 148
Phone: LO 8-5962

SHOREHAM

- 1422. Baylis, Jr., J. S.
Phone: SH 4-2392

SKANEATELES

- 1423. Beaman, D. G.
19 W. Austin St.
Phone: OV 5-6672
- 1424. Bertling, J. S.
P. O. Box 282
Phone: OV 5-6168

1425. Brook-Anco Corp.

- 31 State St.
- 1426. Burke, Charles
E. Lake Rd., R. D. 3
Phone: OV 5-7185
- 1427. Marathon Electric Mfg.
Corp.
9 E. Genesee St.
P. O. Box 216
Phone: 1093

- 1428. Precision Service Co.
E. Lake Rd.
Phone: 1089

- 1429. Rosenberger, Hendrick
P. O. Box 132
Phone: OV 5-6662

- 1430. Russell, Holbrook & Hen-
derson Inc.
22 Austin St.
Phone: 934

SALES OFFICES

NEW YORK

SKANEATELES (cont.)

1431. Theobald Inc., Jerome J.
9 E. Genesee St.
Phone: OV 5-3711

SMITHTOWN

1432. General Welding Supply
Corp.
Jericho Tpke.

SNYDER

1433. Ley, Ed
45 Campus Dr., W.
Phone: CI 3-800
1434. Pangborn Corp.
67 Charlestown Rd. (26)
Phone: CI 4386
1435. Snyder Industrial Sales
91 Sargent Dr. (26)
Phone: EV 1111
1436. Wilton Tool Mfg. Co. Inc.
158 Lamarch Dr.
Phone: CI 1313

SOUTH OZONE PARK

1437. Lemay Co. Inc., A.
114-43 Lefferts Blvd. (20)
P. O. Box 125
Phone: VI 8-1410

STATEN ISLAND

1438. Lambert, Albert
28 Ravenhurst Ave.
Phone: GR 1-1841
1439. Matt-Johnson Co. Inc.
332 Maryland Ave. (5)
Phone: GI 7-1065
1440. Proctor Co., C. D.
P. O. Box 8 (8)
Phone: WO 2-3488

SYRACUSE

1441. A & B Machinery Co.
916 Spencer St. (10)
1442. Abell Machine Tool Co. Inc.
2030 Erie Blvd., E. (3)
Phone: GR 2121 & 2356
1443. Allegheny Ludlum Steel
Corp.
205 Larned Bldg.
114 S. Warren St. (2)
P. O. Box 935
Phone: GR 4-4829
1444. Allen-Bradley Co.
820 E. Water St. (3)
Phone: GR 6-2141
1445. Allis-Chalmers
472 S. Salina St. (2)
Phone: GR 1-0147
1446. Allis Co., The Louis
4455 E. Genesee St. (14)
Phone: GI 6-2290
1447. Aluminum Co. of Amer.
731 James St. (3)
Phone: GR 4-4697
1448. Amer. Allsafe Co. Inc.
1224 Erie Blvd., E.
1449. Amer. Brass Co., The
800 State Tower Bldg. (2)
Phone: HA 2-1205
1450. Ames, Ralph
200 Brooklea Pl. (7)
Phone: HO 9-4469
1451. Atlantic Refining Co., The
120 W. Genesee St.
Phone: GR 4-6811
1452. Babcock & Wilcox Co., The
406 Romax Bldg.
731 James St. (3)
Phone: GR 4-2435
1453. Baldor Electric Co.
237 E. Genesee St.
Phone: GR 1-1057
1454. Baldwin-Hall Co. Inc.
475 Oswego Blvd. (1)
Phone: GR 1-5103
1455. Barnes & Jordan Inc.
409 E. Jefferson St. (2)
Phone: GR 8-3155
1456. Bellows-Valvair
602 N. State St. (3)
Phone: HA 2-8925
1457. Bethlehem Steel Co.
Utica Mutual Bldg.
420 E. Genesee St. (2)
Phone: GR 8-3176
1458. Black & Decker
2140 Erie Blvd., E. (3)
Phone: GR 2-0813
1459. Bliss & Laughlin Inc.
2102 W. Genesee St.
Phone: HO 8-6225
1460. Brace-Mueller-Huntley Inc.
Thompson Rd., Box 1340
(1)
Phone: HO 3-3341
1461. Brady, Jack
2201 Teall Ave.
Phone: HO 3-6671
1462. Bridgeport Brass Co.
112 DeWitt St. (3)
Phone: GR 4-1094
1463. Bullard Co., The
731 James St., Room 410
(3)
Phone: HO 9-3119
1464. Burns Brothers Inc.
631 W. Belden Ave. (4)
P. O. Box 1345
Phone: HA 3-0261
1465. Burns Supply Inc.
760 W. Genesee St. (1)
Box 1211
Phone: 1-2131
1466. Butler Co., Robert O.
2310 Lodi St. (8)
Phone: HA 2-7754
1467. CSA
Boas & Thompson Rds.
P. O. Box 662
Phone: HE 7-6391
1468. Cardozo, Harry H.
217 Montgomery St. (2)
Phone: GR 1-6061
1469. Carpenter Steel Co., The
405 Denison Bldg. (2)
Phone: HA 2-0512
1470. Century Electric Co.
647 S. Warren St., Room
209 (2)
Phone: HA 2-0473
1471. Chatterton & Co.
712 State Tower Bldg.
Phone: HA 2-0598
1472. Cincinnati Milling & Grind-
ing Machines Inc.
731 James St. (3)
Phone: GR 4-3354
1473. Clark Controller Co.
2105 W. Genesee St. (4)
Phone: HU 8-7106
1474. Cleveland Trramrail Syra-
cuse Co.
562 Daniel Bldg.
433 S. Salina St. (2)
Phone: HA 2-3297
1475. Cook, Lawrence W.
317 State Tower Bldg. (2)
Phone: GR 1-3088
1476. Cottet's Welding Supply Co.
2730 Erie Blvd., E. (1)
Phone: GR 2-9121
1477. Cuno Engrg. Corp., The
712 State Tower Bldg. (2)
Phone: HA 2-9063
1478. Curran, Charles J.
210 Wellesley Rd. (7)
Phone: GR 5-4432
1479. Cutler-Hammer Inc.
601 State Tower Bldg.
109 S. Warren St. (2)
Phone: HA 2-1449
1480. De Milt, Brendan
3001 James St. (8)
Phone: HE 7-8141
1481. Denton Co., R. J.
P. O. Box 237 (1)
Phone: GR 5-0919
1482. Detrex Chemical Industries
Inc.
712 State Tower Bldg. (2)
Phone: GR 1-3204
1483. Diehl, Carl W.
416 Kenwick Dr.
Phone: HA 2-9872
1484. Diehl Mfg. Co.
State Tower Bldg., Room
317 (2)
Phone: HA 2-1941
1485. DoALL Syracuse Co. Inc.
107 Baker St. (4)
Industrial Park
P. O. Box 116, Eastwood
Station
Phone: HO 3-8549
1486. Drennan Steel Products
Corp.
1025-1029 N. State St.
Phone: GR 4-7536

SYRACUSE (cont.)

1487. Earl Co., Ralph W.
530 E. Washington St. (3)
Phone: GR 5-5145
1488. Elsbery, R. W.
105 Juniper Lane (9)
Phone: HU 8-5255
1489. Ekberg, T. W.
117 E. Granger Rd. (4)
Phone: HO 8-5129
1490. Ferris & Assoc., R. B.
3574 E. Genesee St. (3)
Phone: GI 6-1612
1491. Fleckenstein, Bernard
210 Sunnybrook Dr. (9)
Phone: HU 8-7883
1492. Fredenberg, A. E.
639 S. Warren St.
Phone: 2-6628
1493. French, E. L.
533 Allen St. (1)
Phone: GR 2-7335
1494. Gartner Equip. Co.
302 Sand St. (3)
1495. General Controls Co.
317 State Tower Bldg. (2)
Phone: HA 2-2063
1496. General Electric Co.
3532 James St. (1)
P. O. Box 1021
Phone: HO 3-8511
1497. Glahn, R. W.
213 Meadow Rd.
Phone: HO 8-1462
1498. Greer Equip. Co. Inc.
148 Arsenal Dr.
Phone: HO 9-4822
1499. Gronau, George J.
Box 93, Eastwood Station
(6)
Phone: HO 3-6651
1500. Haley Warehouse, Robert M.
404 N. Midler Ave.
Box 61, Eastwood Station
Phone: HO 3-8647
1501. Harding Supply Co.
New Court Ave. at North
Ave. (6)
P. O. Box 93, Eastwood
Station
Phone: HO 3-6651
1502. Harvey Co., Wm. G.
1813 South Ave. (7)
Phone: GR 6-3263
1503. Heald Machine Co., The
2900 Erie Blvd., E.
Phone: GR 4-6529
1504. Houk Supply Co.
243 Fellows Ave.
Box 158, University
Station
Phone: GR 2-4912
1505. Houser Elevator Co., The
414 N. Clinton St. (4)
1506. Howell Electric Motors Co.
157 Virginia St.
Phone: JE 9-3461
1507. I-T-E
321 Erie Blvd., W., Rooms
285-307
O'Donnell Bldg.
Phone: HA 2-3338
1508. Ideal Industries Inc.
101 Elm Tree Lane (9)
Phone: HU 8-5712
1509. Irvine, Arthur F.
817 S. State St.
1510. Jensen Cutting Tools Inc.
P. O. Box 62, De Witt Sta-
tion (14)
Phone: GI 6-4735
1511. Jones Co., Arthur E.
605 Eckel Theatre Bldg.
(2)
Phone: HA 2-8869
1512. Kanaley, Frank S.
1409 Stoip Ave.
Phone: GR 6-2331
1513. Keller Industrial Products
216 DeWitt Rd.
Phone: GI 6-2780
1514. Kelly Supply Corp., M. J.
323 E. Water St. (1)
P. O. Box 1136
Phone: HA 2-8356
1515. Kennametal Inc.
State Tower Bldg.
109 S. Warren St. (2)
Phone: GR 1-1221
1516. Kocsis, George
753 James St. (5)
Phone: GR 1-0970
1517. Kopecky Co. Inc., C. B.
317 State Tower Bldg.
Phone: GR 1-0670
1518. LeValley, McLeod Inc.
P. O. Box 207, Eastwood
Station
Phone: 73-3333
1519. Lightstone, John
515 Comstock Ave. (10)
Phone: GR 5-6704 or
4-1833
1520. Lincoln Electric Co., The
127 Seeley Rd. (3)
Phone: GR 2-1925
1521. Macaulay Machinery Co.
112 Baker St.
Industrial Park
Phone: HA 2-7089
1522. Malcolm, Bruce
416 W. Onondaga St.
Phone: GR 5-3660
1523. Manufacturers Sales Agency
134 W. Onondaga St. (2)
Phone: HA 2-4053
1524. Material Handling Products
Corp.
Industrial Park Area,
Wavel St. (6)
Phone: HO 3-5261
1525. Meehan Co., E. J.
612 Cherry Rd. (4)
Phone: HO 8-6840
1526. Miller Fluid Power Div.
218 Harrison St.
Phone: GR 1-7323
1527. Miller, George O.
639 S. Warren St. (2)
Phone: HA 2-5004
1528. Modco Tools
623 Erie Blvd., E. (3)
Phone: GR 5-4159
1529. Monson Welding Sales Inc.
1718 Erie Blvd., E.
Phone: GR 2-3381
1530. Mueller Brass Co.
Ritted Bldg., Room 202
647 S. Warren St. (3)
Phone: HA 2-3393
1531. Neal Co. Inc., R. C.
119 Crescent Ave. (7)
Phone: GR 5-9911
1532. Nelson Stud Welding Div.
127 Seeley Rd.
Phone: GR 2-2503
1533. New Departure Div., GMC
The Skyline Bldg.
753 James St. (3)
Phone: GR 3-5121
1534. Northwest Chemical Co.
105 Ruhamah Ave. (5)
Phone: HO 9-2858
1535. Onondaga Supply Co.
344 W. Genesee St. (1)
Phone: GR 4-1251
1536. Osgood Machinery, Syracuse
Corp.
Hills Bldg.
217 Montgomery St. (2)
Phone: GR 1-8460
1537. Owens & Co., George
P. O. Box 182
Phone: GR 1-2826
1538. Owens Machinery Co., J. F.
1804-1810 Erie Blvd., E. (1)
P. O. Box 1144
Phone: GR 2-3326
1539. Pangborn Corp.
406 Syracuse Kemper In-
surance Bldg. (2)
Phone: HA 2-2070
1540. R & S Tool & Gage
106 Wilmore Pl. (8)
Phone: GR 1-2577
1541. Raymond Corp., The
647 S. Warren St.
Phone: HA 2-0963
1542. Reichhold Chemicals Inc.
Syracuse-Kemper Bldg.
224 Harrison St. (2)
Phone: GR 1-4149
1543. Reliance Electric & Engrg.
Co.
2396 James St.
Phone: HO 3-5365
1544. Republic Steel Corp.
Utica Mutual Bldg. (2)
Phone: GR 8-2116

SYRACUSE (cont.)

1545. Reynolds Metals Co.
731 James St. (3)
Phone: GR 4-3957
1546. Rollway Bearing Co. Inc.
541 Seymour St. (4)
Phone: GR 5-2121
1547. Ross Equip. Co.
207 S. Wilbur Ave. (4)
Phone: GR 2-2179
1548. Rubino, John G.
237 E. Genesee St. (2)
Phone: GR 1-1057
1549. Rudel Machinery Co. Inc.
Larned Bldg., Rooms 210-212
114 S. Warren St. (2)
Phone: SY 74-3324
1550. Saltz, H. A.
995 James St.
Phone: GR 9-6215
1551. Sass, Harvey M.
608 State Tower Bldg. (2)
Phone: HA 2-9296
1552. Sinclair Refining Co.
State Tower Bldg.
Phone: GR 1-4534
1553. Slate Inc., Erwin A.
583 Buffington Rd.
Phone: GI 6-5230
1554. Smith Machinery Co., The
H. A.
3402 Court St. (6)
P. O. Box 123, Eastwood
Station
Phone: HO 3-8606
1555. Smith Co. Inc., R. P.
445 James St. (3)
Phone: GR 4-3833
1556. Spaulding Fibre Co. Inc.
1206 E. Water St. (3)
P. O. Box 195
Phone: GR 5-3178
1557. Stewart Co., J. R.
2900 Erie Blvd., E. (3)
Phone: GR 4-3051
1558. Sun Oil Co.
301 W. Hiawatha Blvd. (8)
Phone: HA 2-8296
1559. Sundstrand Machine Tool
317 Montgomery St. (2)
Hills Bldg.
Phone: HA 2-2511
1560. Surface Combustion
317 State Tower Bldg.
Phone: HA 2-5052
1561. Syracuse Bearing Co.
428 E. Jefferson St. (2)
Phone: GR 4-7041
1562. Syracuse Supply Co.
Court St. Rd. (1)
P. O. Box 1044
Phone: HA 2-9511
1563. Thom & Co. Inc., William
119 Seeley Rd. (3)
Phone: GR 2-4408
1564. Thompson & Johnson Inc.
P. O. Box 847, Eastwood
Station (8)
Phone: HO 3-0249
1565. Tri-Line Corp.
72 Richlee Dr.
Phone: JU 8-5535
1566. Tripoli & Co., J. V.
3001 James St.
Phone: HE 7-8141
1567. U. & S. Supply Corp.
509 S. West St. (4)
Phone: GR 8-2136
1568. Uplinger Inc., Robert J.
430 Oneida St. (1)
Phone: HA 2-1471
1569. Valente Metals
623 Erie Blvd., E. (3)
Phone: GR 5-4159
1570. W & S Scale Co.
403 Seymour St. (1)
Phone: GR 6-2258
1571. Warelinc Inc.
P. O. Box 282, Eastwood
Station
Phone: HO 3-2001
1572. Warner & Swasey Co., The
2900 Erie Blvd., E. (3)
Phone: GR 4-3462
1573. Whitehead Metals Inc.
207 W. Taylor St. (4)
Phone: GR 4-4641
1574. Wiggins Co. Inc., A. V.
334-344 W. Fayette St. (1)
Phone: GR 1-9141

TONAWANDA

1575. Ajax Electric Salt Bath Furnaces
1456 Niagara Falls Blvd.
Phone: AM 1468
1576. Demond, John
607 Lynbrook Ave.
Phone: PA 4421
1577. Dunham-Jackson Inc.
165 Woodgate Rd.
Phone: UN 3605
1578. Fisagus Machinery Co.
155 Ensminger Rd.
Phone: RI 9650
1579. Hartman, F. E.
209 Glendale Dr.
Phone: JA 7829
1580. I-T-E
2690 Sheridan Dr.
Phone: AM 9850
1581. Iroquois Tool Supply Co. Inc.
17 Eugene St.
P. O. Box 184
Phone: JA 1700
1582. Lincoln Electric Co., The
150 Milens Rd.
Phone: BE 9390
1583. Nieco Inc.
155 Ensminger Rd.
P. O. Box 2
Phone: BE 7022
1584. Peninsular Steel Co., The
50 Ensminger Rd.
Phone: VI 6242
1585. Pratt & Whitney Co. Inc.
25 Pryor Ave.
Phone: UN 8804
1586. Rew, Clair W.
121 Wheeler St.
Phone: JA 3029
1587. Russell Assoc.
1590 Niagara Falls Blvd.
Phone: JA 2000
1588. Spaulding Fibre Co. Inc.
310 Wheeler St.
Phone: JA 2000
1589. Towns, Jr., A. C.
1456 Niagara Falls Blvd.
Phone: AM 1468

TROY

1590. Bearing Distributors
1 Spring Ave.
Phone: AS 4-2550
1591. Blanchard Inc., Fred K.
422-424 River St.
Phone: AS 4-7920
1592. Troy Belting & Supply Co.
6 & 8 Grand St.
Phone: AS 2-4920
1593. Warren Co., J. M.
345-347 River St.
Phone: AS 4-4100

UNIONDALE

1594. Enterprise Machinery & Steel
825 Nassau Rd.
Phone: IV 5-2804

UTICA

1595. Colerick Supply Co.
12 Liberty St.
Phone: RE 3-7559
1596. Divine Brothers Co.
200 Seward Ave. (1)
Phone: RA 4-6165
1597. Despard Co., F. F.
111 Genesee St.
P. O. Box 434
Phone: RE 2-6131
1598. Fish Assoc.
1922 Oneida St. (3)
Phone: 3-1008
1599. French Mill Supply Co.
133 N. Genesee St. (4)
Phone: 4-7103
1600. General Electric Co.
258 Genesee St. (2)
Phone: RE 3-7559
1601. Karl, Peter A.
157 Union Station Bldg. (2)
Phone: RE 3-7559
1602. Mather Evans & Diehl Co. Inc.
509 Lafayette St. (4)
Phone: RA 4-6165
1603. Millar & Son Co., Chas.
501 Main St.
Box 474
Phone: 2-5121

1604. Northern Handling Supply Co.

- 262 Genesee St.
P. O. Box 633
Phone: RE 2-4877,
CA 3-6430
1605. Oakite Products Inc.
407 Richmond Rd.
Phone: RA 4-3516
1606. Pacemaker Steel Warehouse Inc.
1604 Lincoln Ave.
Phone: RE 5-6484
1607. Roberts Hardware Co.
807 Broad St.
Phone: SW 7-2350
1608. Schulman, Norman
2530 Genesee St. (3)
Phone: RE 2-7806
1609. Smyth-Despard Co.
800 Broad St.
Phone: UT 2-2154
1610. Sterling Electric Motors Inc.
Mayro Bldg.
Phone: RE 2-1487
1611. Syracuse Bearing Co.
1407 Oriskany St., W. (4)
Phone: SW 7-1590
1612. Utica Material Handling Co.
P. O. Box 366
Phone: 2-3915

WANTAUGH

1613. Arrow Welding Supply Co. Inc.
3333 Merrick Rd.

WATERFORD

1614. Vir-Mar Co.
98 Broad St.
Phone: AD 8-3732

WATERLOO

1615. Beesley & Hofman Machinery Co.
38 W. Main St.
Phone: 2272
1616. Howell Electric Motors Co.
157 Virginia St.
Phone: JE 9-3461
1617. Morehouse, W. Stanley
38 W. Main St.
Phone: JE 9-2272

WATERTOWN

1618. Avery Co. Inc., M. E.
302 Massey St.
Phone: 2116
1619. Bradley Co. Inc., Thos. H.
122 Arsenal St.
Phone: 5400

WATERVLIET

1620. Industrial Equip. Co. of Albany
1571 1st Ave.
Phone: AR 3-4322

WAVERLY

1621. Staver Hydraulics Co.
937 Pennsylvania Ave.
Phone: TU 2-2751

WEBSTER

1622. Phinney, Donald L.
752 DeWitt Rd.
Phone: WE 692-J

WELLSVILLE

1623. Kallbourne Supply Co.
Phone: 1859

WEST ALBANY

1624. Eddie's Equip. Co.
186 Watervliet Ave.

WEST BABYLON

1625. Madeira, Arnold R.
1479 Herzl Blvd.
Phone: MO 5-6690

WEST ISLIP

1626. Donaldson, John S.
705 Pine Ave.
Phone: MO 1-4748

NEW YORK

WEST WEBSTER

1627. Burlow, Charles C.
345 Colonial Dr.
Phone: CO 1822

WESTBURY

1628. Abrams Inc., Morris
70 Urban Ave.
Phone: ED 3-2000
1629. Associated Machinery & Safe Moving Co.
93 Garden St.
Phone: ED 4-2900
1630. Bobker Bearings of Nassau
809 Old Country Rd.
Phone: ED 4-5524
1631. Carbone, Robert J.
309 Ivy Ave.
Phone: ED 4-5524
1632. DeYoung, Peter
523 Union Ave.
Phone: ED 3-3115
1633. Eastern Welding Equip. Co.
775 Old Country Rd.
Phone: ED 3-0110
1634. Eaton Co., The
340 Maple Ave.
Phone: ED 3-4333
1635. General Welding Supply Corp.
490 Shames Dr.
Phone: ED 4-8200
1636. Hassall Inc., John
Phone: ED 4-6200
1637. Severance Tool Industries Inc.
523 Union Ave.
Phone: ED 3-3115
1638. Tool Specialists Inc.
891 Prospect Ave.
Phone: ED 4-4180
1639. True-Trace Corp.
35 Urban Ave.
Phone: ED 3-4333

WHITE PLAINS

1640. All-State Custom Mfg. Co. Inc.
249-55 Ferris Ave.
Phone: WH 8-4646
1641. Campbell, Don
P. O. Box 321
Phone: WH 6-4708
1642. Jackson Engrg. Co.
128 Court St.
Phone: WH 8-1033
1643. Main Tool Supply Corp.
52 Main St.
Phone: WH 9-0037
1644. Nichols Morris Corp.
76 Mamaroneck Ave.
Phone: WH 8-0060
1645. Roth Inc., Eugene
65 Court St.
Phone: RO 1-1260
1646. See-Lect Industrial Equip. Co. Inc.
145 Lafayette Ave.
Phone: WH 8-5060

WHITESBORO

1647. Oakite Products Inc.
30 Owen Pl.
Phone: RE 6-1855

WHITESTONE

1648. Glofane Co.
10-21 Clintonville St.

WILLIAMSON

1649. Estes, Myron T.
1618 Ridge Rd., W.
Phone: WI 2352

WILLIAMSVILLE

1650. Deeley, David E.
27 Hirschfield Dr. (21)
Phone: PL 5049
1651. Kelly Tool Co.
232 Highland Dr.
P. O. Box 164
Phone: SP 5338
1652. Ryan, Henry F.
60 Sedgemoor Ct.
Phone: PL 8894

SALES OFFICES

NEW YORK

WILLISTON PARK
1653. Electrical Manufacturers Service
105 Hillside Ave.
P. O. Box 128
Phone: PI 2-1616

WOODHAVEN

1654. Industrial Machine Products
86-65 80th St.
1655. Spaulding Fibre Co. Inc.
90-34 Jamaica Ave. (21)
Phone: VI 9-5300

WOODSIDE

1656. Aro Equip. Corp., The
59-01 37th Ave. (77)
Phone: TW 9-2290
1657. Black & Decker
56-15 Queens Blvd. (77)
Phone: DE 5-1042
1658. Bunting Brass & Bronze Co.
8905 39th Ave. (77)
Phone: TW 9-3100
1659. Carpenter Steel Co.
27-07 Brooklyn-Queens Expressway, W.
Phone: RA 1-9210
1660. Durham Aircraft Service
56-15 Northern Blvd. (77)
Phone: AS 4-8000
1661. Fafnir Bearing Co., The
29-38 59th St. (77)
Phone: TW 9-2608
1662. Tek Bearing Co. Inc.
46-23 72nd St.
Phone: EX 2-6118
1663. Thor Power Tool Co.
58-10 Broadway (77)
Phone: TW 8-6309
1664. Udyline Corp., The
58-25 Queens Blvd. (77)
Phone: DE 5-6300
1665. United Saw Works
56-19 37th Ave.

YONKERS

1666. A. W. Tool & Gage Co.
629. Kimball Ave. (4)
Phone: BE 7-0600
1667. Byron & Assoc., John W.
Box 154, South Station (5)
Phone: YO 5-2687
1668. Casey Equip. Corp.
19 Lanark Rd. (5)
Phone: GR 8-3969
1669. Mason, A. N.
30 S. Broadway
Phone: YO 8-8954
1670. Ryan & Sons, Joseph C.
54-62 Main St.
1671. Wallauer Paint & Wallpaper Co.
1566 Central Ave.

YORKVILLE

1672. Northeast Supply Co.
Oriskany Blvd.

NORTH CAROLINA

ASHEBORO

1. Paschal Assoc.
P. O. Box 801
Phone: AS 2535

ASHEVILLE

2. Asheville Industrial Supply Co.
711 Biltmore Ave.
Phone: AL 3-8716
3. Brunner & Lay - Southern Inc.
Sweeten Creek Rd.
P. O. Box 5235
Phone: AL 3-3681
4. Kearns, M. R.
1215 Haywood Rd.
Phone: AL 3-4171
5. Oakite Products Inc.
33 Mt. Vernon Circle
Phone: AL 4-1826
6. Tidewater Supply Co. Inc.
95 Roberts St.
P. O. Box 212
Phone: AL 2-8241

BLACK MOUNTAIN

7. Ex-Cell-O-Corp.
P. O. Box 905
Phone: NO 9-8415

BURLINGTON

8. Detrex Chemical Industry Inc.
210 Security Bank Bldg.
Phone: CA 5-6534
9. Sykes Supply Co. Inc.
1221 Maple Ave.
P. O. Box 1178
Phone: CA 7-2723

CHARLOTTE

10. Abernathy-Thomas Engrg. Co.
3132 Graymont Dr. (8)
Phone: FR 5-1293
11. Ace Elevator Co., The
P. O. Box 481
924 E. 4th St. (1)
12. Acme Steel Co.
227 N. Tryon St. (2)
Phone: FR 5-1733
13. Alemitte Co.
205 W. 1st St. (1)
P. O. Box 1568
14. Allis-Chalmers
300 E. 7th St. (6)
Phone: ED 4-1667-8-9
15. Allis Co., The Louis
1422 E. 4th St., Room 201 (4)
P. O. Box 4126
Phone: ED 4-1658
16. Aluminum Co. of Amer.
616 Johnston Bldg. (2)
Phone: ED 4-9751
17. Amer. Brass Co., The
606 Liberty Life Bldg. (2)
Phone: FR 5-2566
18. Anderson, W. M.
P. O. Box 3726
Old Statesville Rd. (3)
Phone: ED 4-6278
19. Apex Machine Tool Supply Inc.
3107 Wilkinson Blvd. (8)
P. O. Box 8005
Phone: EX 9-0455
20. Atlantic Refining Co., The
1112 South Blvd.
Phone: FR 3-3741
21. Atlas Supply Co.
1928 South Blvd.
Phone: ED 2-3171
22. Baker Mfg. Co.
2119 N. Davidson St.
Phone: FR 7-3638
23. Barker Instrument & Machine Co.
1926 Cleveland Ave.
P. O. Box 3120
Phone: ED 4-1222
24. Brass & Copper Supply of Carolina Inc.
P. O. Box 1251
Pine & Torrence Sts. (1)
Phone: FR 5-5508
25. Britt Co., The John
1787 Jameston Dr. (9)
Phone: FR 6-0570
26. Brown & Morrison
207 Liberty Life Bldg. (3)
Phone: ED 3-0774
27. Caldwell Co., D. H.
2009 Wood Dale Terrace (3)
Phone: FR 5-4139
28. Carrier Corp.
P. O. Box 3697
2610 South Blvd. (3)
Phone: JA 3-5211
29. Cartwright & Bean
625 Harwyn Dr. (5)
Phone: FR 6-8648
30. Chain Belt Co.
300 Clanton Rd. (3)
P. O. Box 3732-Dilworth Sta.
Phone: JA 3-3861
31. Chapman & Co., E. W.
P. O. Box 4230
958 Bromley Rd. (4)
Phone: ED 3-4961

CHARLOTTE (cont.)

32. Charlotte Oxygen & Supply Co.
P. O. Box 10244 (1)
33. Charlotte Supply Co., The
500 S. Mint St. (1)
P. O. Box 1499
Phone: 2-1156
34. Chase Brass & Copper Co.
222 S. Church St.
Phone: ED 2-4152
35. Cleveland Tramrail Carolinas Co.
123-125 W. 29th St. (1)
Phone: ED 2-5026
36. Coleman Co. Inc.
4640 Old Pineville Rd.
Phone: JA 3-6455
37. Columbia Steel & Shafting Co.
P. O. Box 4254 (4)
Phone: FR 6-6382
38. Consolidated Amer. Machinery of Fla. Inc.
Box 1503 (1)
Phone: ED 3-0820
39. Creaser, Marvin L.
Box 713, R. #5 (8)
Phone: EX 9-8853
40. Crisler, A. L.
1312 Browns Ave. (8)
3162 Cullman Ave. (5)
P. O. Box 5325
Phone: FR 7-1558
41. Crucible Steel Co.
2505 South Blvd. (3)
Phone: JA 3-3056
42. Davis-Harkness Co.
1607 E. 7th St. (7)
Phone: FR 6-6382
43. Diehl Mfg. Co.
1514 N. Graham St. (6)
Phone: FR 5-2331
44. Dillon Supply Co.
Dixie Bearings Inc.
1621 N. Tryon St.
Phone: ED 2-2151
45. Diston Div.
3901 Highland Ave.
Phone: EX 9-7325
46. DoALL Carolina Co.
3147 Cullman Ave. (6)
Phone: ED 4-5397
47. Duncan & Co., Andy
1110 Johnston Bldg.
Phone: ED 3-7236
48. Edgcomb Steel Co.
527 Atando Ave. (6)
Phone: FR 5-3361
49. Electro-Motion Corp.
217 W. Morehead St. (2)
Phone: ED 2-8119
50. Elliott Co., J. H.
Room 1011, Johnston Bldg.
212 S. Tryon St.
Phone: ED 2-7097
51. Engrg. Sales Co.
123-125 W. 29th St.
P. O. Box 68
Phone: ED 2-5026
52. Esso Standard Div.
1600 Woodlawn Rd. (9)
Phone: JA 3-2211
53. Fafnir Bearing Co., The
119 W. 29th St. (6)
Phone: ED 4-9601
54. Fastener Supply Co.
P. O. 95-Atando Sta.
514 Atando Ave. (6)
55. Ferguson Gear Co.
800 Brookside Dr.
Phone: ED 4-8014
56. Finley & Assoc., A. E.
2637 Hutchinson Ave.
Phone: ED 3-6297
57. Fluid Controls Div.
623 Atando (6)
Phone: FR 9-9292
58. Frazer & Co., J. W.
P. O. Box #1436
109 Griffith St. (1)
Phone: JA 3-2414
59. General Controls Co.
R. #3, York Rd.
Phone: JA 3-2576
60. General Electric Co.
P. O. Box 1283
112 S. Tryon St. (1)
Phone: FR 5-5571

61. Gros-Itte Sales & Service Co. Inc.
301 N. Brevard St.
Phone: ED 2-7857
62. H & M Parts Warehouse Inc.
831 E. 9th St. (1)
P. O. Box 9212
Phone: FR 6-1950
63. Haney & Co., Howard R.
3236 Draper Ave.
Phone: FR 5-6546
64. Hewitt-Robins
P. O. Box 5277 (6)
Phone: FR 7-2571
65. Highsmith & Co., James L.
3733 Monroe Rd. (5)
Phone: FR 7-2546
66. Hile Co., William K.
P. O. Box 6185 (7)
Phone: FR 7-5062
67. Hill, Jr., Earle R.
5748 Farmbrook Dr. (9)
Phone: ED 4-3470
68. Hoffman & Hoffman Inc.
12 Hillside Ave.
Phone: FR 5-5090
69. Hudgins Co., Robert S.
P. O. Box 6091 (7)
Phone: EM 6-4887
70. I-T-E
215 E. Morehead St. (2)
Phone: ED 4-0814
71. Industrial Hardware & Supply Co.
216 E. 6th St. (1)
72. Industrial Piping Supply Co.
1501 Dowd Rd. (1)
Phone: FR 6-5661
73. Industrial & Textile Supply Co.
1300-10 S. Mint St. (1)
P. O. Box 1319
Phone: FR 5-3326
74. Industrial Trucks Sales & Service Inc.
3029 Bank St. (3)
Phone: JA 3-1997
75. Jervis - Webb Co.
P. O. Box 11233
Phone: JA 3-3903
76. Jessop Steel Co.
2926 Westfield Rd. (9)
P. O. Box 11243
Phone: ED 4-4584
77. Jones & Lamson Machine Co.
1900 Commonwealth Ave. (5)
P. O. Box 9181, Plaza Station
Phone: ED 4-3854
78. Kennametal Inc.
460 Scalesbark Rd.
Phone: JA 3-2538
79. Key Co., The
5422 Finsbury Pl.
Phone: EM 6-3102
80. Kinnear & Co. Inc., L. W.
1909 Shoreham Dr.
Phone: EM 6-2703
81. Lincoln Electric Co., The
109 W. Griffith St. (1)
Phone: JA 3-2414
82. Livingston & Haven Inc.
P. O. Box 6020
1119 E. 10th St. (7)
Phone: FR 7-6366
83. Livingstone Coating Corp.
709 W. 3rd St. (8)
84. Machinery Supply Co.
P. O. Box 426
1100 N. Tryon St.
Phone: FR 6-7569
85. Marshall Machinery, George A.
5100 Independence Blvd. (5)
P. O. Box 9088
Phone: ED 3-2091
86. Material Handlers Inc.
4110 Old Pineville Rd. (3)
P. O. Box 3606
Phone: JA 3-3712

89. Matthews-Morse Sales Co.
301 E. 7th St. (1)
P. O. Box 1004
Phone: ED 3-1187
90. McKenzie, T. H.
York Rd., Box 395
Phone: LA 2-5742
91. Mec-Tric Control Co.
Box 209
3811 St. Mary Ave. (1)
92. Micro Switch
212 Greystone Rd. (9)
Phone: JA 3-3820
93. Mitchell Distributing Co.
3535 Hutchison Ave.
94. Mize Co. Inc.
415 Atando Ave. (6)
Phone: ED 3-0356
95. Moffatt Bearings Co.
219 W. Morehead St. (6)
Phone: FR 6-6577
96. Moore Products Co.
2505 South Blvd. (9)
Phone: JA 3-7253
97. Moorefield, John E.
1523 Coventry Rd. (7)
P. O. Box 6020
Phone: EM 6-2509
98. Morse Chain Co.
405 W. Griffith St. (3)
Phone: JA 3-6398
99. Mountcastle, E. L.
1204 Broadmoor Dr. (9)
Phone: JA 3-7025
100. National Welders Supply Co.
Corner State & Gresco Sts.
(1)
Phone: FR 5-5751
101. New Departure Div. GMC
1051 E. Morehead St.
Phone: FR 6-6565, 6-6566
102. Niedringhaus, C. C.
5338 Murrayhill Rd. (9)
Phone: JA 3-0558
103. Notley & Co. Inc., C. G.
1209 Johnston Bldg. (2)
Phone: FR 6-6504
104. Oakite Products Inc.
4001 Raleigh St.
P. O. Box 85147
Phone: ED 3-0737
105. Owsley & Son, H. B.
P. O. Box 449
Phone: JA 3-3141
106. Patton & Assoc., G. S.
Municipal Airport Terminal (7)
Phone: EX 2-1233
107. Piedmont Engrg. Co.
P. O. Box 2094
300 W. Stonewall St. (1)
Phone: ED 2-2104
108. Piedmont Equip. Co.
114 Fairwood Ave. (3)
Phone: ED 4-6823
109. Pratt & Whitney Co. Inc.
519 E. Trade St. (1)
Phone: ED 2-7774
110. Purser & London Inc.
1317 E. 4th St. (4)
P. O. Box 4356
Phone: ED 3-7549
111. Ranson, Wallace & Co.
116½ E. 4th St. (2)
Phone: ED 4-4244
112. Reichhold Chemicals Inc.
New Pineville Rd. (3)
P. O. Box 3715
Phone: JA 3-4114
113. Reid Tool Service
1908 Commonwealth Ave.
(5)
P. O. Box 9243
Phone: ED 2-3203
114. Reliance Electric & Engrg. Co.
P. O. Box 4234, Elizabeth St.
Phone: ED 3-9077
115. Reynolds Metals Co.
1616 Central Ave.
Phone: FR 6-8549
116. Rudisill, J. A. (Jake)
1312 Myrtle Ave. (3)
Phone: FR 6-4792
117. Ryerson & Son Inc., J. T.
Mt. Holly & Chemway Rd.
(1)
Box 10006
Phone: EX 2-1321

CHARLOTTE (cont.)

118. SKF Industries Inc.
2935 S. Griffith St. (3)
P. O. Box 3031
Phone: JA 3-6232
119. Shepherd Co., Allan T.
P. O. Box 1425
Phone: FR 5-7578
120. Sinclair Refining Co.
P. O. Box 8067 (8)
121. SKIL Corp.
1815 S. Tryon St. (3)
P. O. Box 3374
Phone: FR 5-8429
122. Smith-Courtney Co.
5601 Wedgewood Dr. (3)
Phone: ED 2-2555
123. Smith, Geo. M.
2440 McClintock Rd., Apt. #1
124. Snap-on Tools Corp.
1015 W. Morehead St. (8)
Phone: FR 5-7704
125. Snyder Co., M. R.
P. O. Box 3341
304 E. Tremont Ave. (2)
Phone: ED 4-7190
126. Sorrells, Jr., J. A.
2335 Farmington Lane
Phone: ED 3-5074
127. Spoon, LeRoy P.
307 Lincoln St. (3)
Phone: ED 4-6334
128. Spooner-Krueger Assoc.
Box 11344 (9)
Phone: JA 3-2366
129. Sunnen Products Co.
4040 Winfield Dr. (5)
Phone: FR 5-4196
130. Syntrol Carolina Sales Co.
5525 Valley Forge Rd. (9)
Phone: JA 3-1941
131. Textile Mill Supply Co.
1300-10 S. Mint St.
132. Tidewater Supply Co. Inc.
211 Atherton St.
P. O. Box 3234
Phone: JA 3-1637
133. Vanadium-Alloys Steel Co.
227 W. 3rd St.
Phone: FR 5-3922
134. Vance Iron & Steel Co.
P. O. Box 10533
Phone: FR 6-5538
135. Walke Co., The Henry
1310 S. Tryon St. (1)
P. O. Box 1105
Phone: ED 4-5391
136. Ward, Herbert
205 S. Church St. (2)
Phone: ED 3-5646
137. Warner & Swasey Co., The
634 Pecan Ave. (4)
P. O. Box 4000
Phone: ED 2-4149
138. White Bearings Co.
335 Dalton Ave.
Phone: ED 4-6816
139. Whiting Corp.
304 Kingsmore Bldg. (3)
Phone: ED 4-5346
140. Wrenn Brothers
P. O. Box 10186
4701 Pineville Rd.
Phone: JA 3-1712
141. Younger Co., W. P.
4001 Sheffield Dr. (5)
P. O. Box 1482
Phone: FR 5-2263

DURHAM

142. Carolina Welding Supplies Inc.
202 S. Alston Ave.
143. Dillon Supply Co.
112 St. Duke St.
Phone: 9-1963
144. Smith-Courtney Co.

FOREST CITY

145. Forest City Supply Co.
521 W. Main St.
Phone: CH 5-9721

GASTONIA

146. Gastonia Mill Supply Co.
613 E. Franklin Ave.
P. O. Box 708
Phone: UN 7-7221

147. Gastonia Motor Parts Co. Inc.
242-246 W. Airline Ave.
P. O. Box 78
148. Griffin Supply Co. Inc.
Box "B", Akers Center
Phone: UN 7-6351
149. Howe Distributing Co. Inc.
1618 E. Ozark Ave.
Phone: UN 4-2646

GOLDSBORO

150. Dewey Brothers Inc.
801 S. George St.
Phone: 1800
151. Dillon Supply Co.
N. William St.
Phone: 746
152. Eastern Distributors Inc.
P. O. Box 1110
800 S. John St.
Phone: RE 4-2451-52

GREENSBORO

153. Armentrout Machinery Co.
205 Country Park Rd.
Phone: BR 4-8218
154. Bellows-Valvair
Dixie Bldg.
Phone: BR 5-4085
155. Bethlehem Steel Co.
Jefferson Standard Bldg.
101 N. Elm St.
P. O. Box 90
Phone: BR 3-8273
156. Binswanger & Co.
211 S. Macon St.
157. Bridgeport Brass Co.
233½ N. Greene St.
Phone: BR 4-8483
158. Brown & Co., K. O.
P. O. Box 1791
Phone: BR 3-5973
159. Carolina Welding Supplies Inc.
610 W. Lee St.
160. Cross Sales & Engrg. Co.
P. O. Box 794
824 Winston St.
Phone: BR 5-6364
161. Dees Equip. Co.
1419 Westover Terrace
Phone: BR 5-8464
162. Dixie Bearings Inc.
231 E. Washington St.
Phone: BR 4-4686
163. Dow Corning Corp.
1029 Winston St.
Phone: BR 5-7678
164. General Electric Co.
P. O. Box 1162
301 S. Elm St.
Phone: 3-7426
165. Grant Chemical Co.
3903 E. Market St.
Phone: BR 4-6789
166. Green, E. T.
P. O. Box 5034
Phone: BR 5-3775
167. Hoffman & Hoffman Inc.
1102 E. Wendover
Phone: BR 4-0101
168. Industrial Truck Sales & Service Inc.
418 E. Market St.
Phone: BR 4-4641
169. Jeffreys Engrg. & Equip. Co.
721 Guilford Bldg., Room 1023
P. O. Box 3443
Phone: BR 4-6364
170. Jones Tool & Supply Co.
H. R.
1710 Spring Garden
P. O. Box 314
Phone: BR 2-8745
171. Longdon Sales Co.
437 W. Gaston St.
P. O. Box 7490
Phone: BR 2-1188
172. Manufacturers Sales Co.
P. O. Box 293
Phone: BR 4-1401
173. Moffatt Bearings Co.
901 W. Lee St.
Phone: BR 3-0885
174. Northwest Chemical Co.
302 S. Tremont Dr.
Phone: BR 3-7569

NORTH CAROLINA

175. Oakite Products Inc.
P. O. Box 903
328 S. Davis St.
Phone: BR 2-2875
176. Odell Mill Supply Co.
302 N. Forbis St., Drawer "O"
Phone: BR 2-2113
177. Remco Supply Inc.
1815 E. Wendover Ave.
Phone: BR 3-3676
178. Remington Arms Co. Inc.
111 Jefferson Bldg.
Phone: BR 2-6879
179. Shepherd Co., Allan T.
P. O. Box 1451
Phone: BR 5-2248
180. Smith-Courtney Co.
814-820 Winston St.
P. O. Box 928
Phone: BR 2-4557
181. Southern Photo Print & Supply
431 Walker Ave.
Phone: BR 4-1541
182. Southern Rubber Co.
360 Ashe St.
Phone: BR 2-4567
183. Sterling Electric Motors Inc.
P. O. Box 2826
Phone: BR 3-7955
184. Sun Oil Co.
1201 Park Terrace
Phone: BR 5-1337
185. Tidewater Supply Co. Inc.
1570 W. Lee St.
P. O. Box 3406
Phone: BR 5-7281
186. Union Carbide Plastics Co.
Guilford Bldg., Room 712
187. Walke Co., The Henry
1319 Headquarters Dr.
P. O. Box 3442
Phone: BR 5-9513
188. Wapakoneta Machine Co., The
P. O. Box 1113
Phone: BR 5-4264
189. Winecoff, F. W.
2011 Colonial Ave.
Phone: BR 4-7511

HENDERSONVILLE

190. Hendersonville Welding & Supply Co.
1521 Ashville Hwy.
191. Scriven, A. E.
P. O. Box 820
Phone: OX 2-2329

HICKORY

192. Dennison Machine Tool Co. Inc.
P. O. Box 2251
417-11th St., NW.
Phone: DA 2-9542
193. Miller & Co., Rex. F.
161 1st Ave., NW.
Phone: DI 5-2283
194. Smith-Courtney Co.
P. O. Box 2448
163 3rd St., SW.
Phone: DI 5-2201-02

HIGH POINT

195. Automatic Lathe Cutterhead Co.
207 W. High St.
Phone: 4690
196. Behr-Manning Co.
301 W. Green St.
Phone: H.P. 5067-5068
197. Burks & Co., Charles L.
P. O. Box 1666
Phone: H.P. 2-1551
198. Continental Screw Co.
227 E. Commerce St.
Phone: 4658
199. Crawford Mill Supply Co. Inc., H. E.
825 S. Main St.
200. Heath, Ed
1121 Adams St.
Phone: 7-5283
201. Hersey-Thomas Co.
P. O. Box 5052, Emerywood Sta.
Phone: 2-1132
202. Hoe & Co. Inc., R.
1809 English St.
Phone: H.P. 2-3411

SALES OFFICES

NORTH CAROLINA

HIGH POINT (cont.)

- 203. Johnson & Son Inc., S. C.
815 Ward St.
Phone: 5078
- 204. Mid-West Abrasive Co.
1938 Green St.
Phone: 5091
- 205. Minn. Mining & Mfg. Co.
2401 Brevard St.
Phone: 3496
- 206. Morgenstern, George E.
P. O. Box 187
Phone: 2-2130
- 207. Tittler, Cal
415 E. Commerce

KINSTON

- 208. Carolina Machinery & Supply
302 N. Mitchell St.
Phone: JA 7-1164

LENOIR

- 209. Blue Ridge Hardware & Supply Co.
111 Advent St.
P. O. Box 815
Phone: PL 4-5497

LEXINGTON

- 210. General Transmission Supplies
407 N. State St.
P. O. Box 431
Phone: CH 6-2301

MAIDEN

- 211. Ferguson Gear Co.
Route #1
Phone: IV 3-2462

MOCKSVILLE

- 212. Sanford Brothers Inc.
Phone: ME 4-2851

MONROE

- 213. Price Equip. Co.
611 Ann St.
P. O. Box 414
Phone: AT 3-4788
- 214. Tool Service Engrg. Co.
309 W. Crowell St.

PINEHURST

- 215. Walper Distributing Co.
Midland Rd., P. O. Box 1086
Phone: CY 4-3004

PLYMOUTH

- 216. East Carolina Supply Co.
Phone: 397-1

RALEIGH

- 217. Carolina Welding Supplies Inc.
901-903 N. West St.
218. Dillon Supply Co.
3 West St.
P. O. Box 1111
Phone: TE 2-7771
- 219. Finley & Assoc. Inc., A. E.
2134 Smallwood Dr.
P. O. Box 10487
Phone: TE 4-8411
- 220. General Electric Co.
P. O. Box 2507
16 W. Martin St.
Phone: 4-7353
- 221. Hoffman & Hoffman Inc.
510 St. Mary's St.
Phone: TE 4-8522
- 222. Hunter, John
P. O. Box 306
Phone: TE 2-8971
- 223. Mitchell Distributing Co.
P. O. Box 10365
- 224. Nipper, Louis
Route #1
Phone: TE 4-3586
- 225. Orta, Jose M.
P. O. Box 1005
Phone: TE 2-7611

ROANOKE RAPIDS

- 226. Industrial Distributors Inc.
138-40 Roanoke Ave.
Phone: 7-2180

ROCKY MOUNT

- 227. Carolina Machinery & Supply Co.
320 S. Washington St.
P. O. Box 1178
Phone: GI 6-8161
- 228. Dillon Supply Co.
S. Washington St.
Phone: 2-2163
- 229. H & S Inc.
343 S. Washington St.
Phone: 2-5415

SALISBURY

- 230. Famco Machine Co.
719 Victory St.
Phone: ME 3-9537
- 231. Killion, William
2016 Rosemont
Phone: ME 3-3293
- 232. Piedmont Mill Supply Co.
P. O. Box 1450
1531 S. Main St.
Phone: ME 6-4241

SANFORD

- 233. General Foundry & Machine Co.
204 Maple Ave.
Box 490
Phone: SP 3-3811

SHELBY

- 234. Shelby Supply Co. Inc.
216-222 N. Lafayette St.
P. O. Box 143
Phone: HU 7-8531

SOUTHERN PINES

- 235. Besley, Jim
P. O. Box 665

SPRUCE PINE

- 236. Mitchell Distributing Co. Inc.

STATESVILLE

- 237. Bryant Supply Co. Inc.
211 E. Front St.
- 238. North Amer. (Carb-Serv) Corp.
P. O. Box 665
Phone: TR 2-3247

TARBORO

- 239. Long Supply Co.
1907 N. Main St.
Phone: TA 3-4151
- 240. Oakite Products Inc.
606 Clark Dr.
Phone: TA 3-4912

TRYON

- 241. Berg, Stanley D.
P. O. Box 606
Phone: ED 2-2551

WILMINGTON

- 242. Hyman Supply Co.
261 N. 1st St.
Drawer 39
- 243. Manufacturers Sales Co.
4924 Oleander Dr.
- 244. Merritt-Holland Supply Co.
P. O. Box 1696
- 245. Mill & Contractors Supply Co.
121 Water St.
P. O. Box 569
Phone: RO 2-7757

WINSTON-SALEM

- 246. Atlas Supply Co.
236 S. Liberty St.
P. O. Box 3060
Phone: PA 2-6112
- 247. Crotts & Saunders Engrg. Inc.
235 N. Main St.
Phone: PA 4-0163
- 248. Cuno Engrg. Corp., The
357 Miller St., SW.
Phone: PA 3-8702
- 249. Edmac Inc.
1015 N. Liberty St.
P. O. Box 1008
Phone: PA 5-2395
- 250. Ex-Cell-O Corp.
R. J. Reynolds Bldg., Room 1612
Phone: PA 5-4134

- 251. Kester Machinery Co.
300 E. 3rd St.
P. O. Box 1405
Phone: PA 2-6181
- 252. Leeds & Northrup Co.
2086 Beach St.
Phone: PA 3-0693
- 253. Palmer-Bee Co.
116 Junia Ave. (1)
P. O. Box 4887
Phone: PA 2-5504
- 254. Quality Industries
4014 N. Cherry St. at Polo Rd.
Phone: PA 4-0442
- 255. Sanco Corp. Inc.
950 Linden Ave.
P. O. Box 940
Phone: PA 4-0842
- 256. South Eastern Sales Co.
P. O. Box 4103
Phone: PA 4-1888

NORTH DAKOTA

BISMARCK

- 1. Dakota Welding & Supply Co.
P. O. Box 1164
- 2. General Electric Co.
418 Rosser Ave.
Phone: CA 3-6544
- 3. Modern Machine Works
921 Front St.

FARGO

- 4. Alemitte Co. of Minn., The
53 N. 5th St.
- 5. Empire Supply Co.
1436 Main St.
- 6. Fargo Foundry Co.
P. O. Box 551
- 7. Reinhard Bros. Inc.
Phone: 6421
- 8. Steel-Structures Equip. Co.
P. O. Box 265
Phone: AD 2-8493
- 9. Stotlar, H. C.
122 8th St., N.
Phone: 2-6643
- 10. Thurlow Welding Supply Co.
P. O. Box 727
- 11. Western Bearing & Supply Co.
1712 Main Ave.
Phone: AD 2-2468

GRAND FORKS

- 12. Grand Forks & Supply Corp.
124 S. 4th St.
- 13. RCA Auto & Welding Supply
1725-13th Ave., N.

MINOT

- 14. Evensen Welding
1507-2nd St., SW.
- 15. Minot Supply Co.
10-1st St., NW.

WAHPETON

- 16. Northwestern Sheet & Iron Works
203 S. 6th St.
Phone: 2-4221

OHIO

AKRON

- 1. A-C Supply Co., The
1100 Home Ave. (10)
Phone: HE 4-6188
- 2. Akron Welding & Spring Co.
940 S. High St. (11)
Phone: JE 5-2187
- 3. Allis-Chalmers
2003 W. Market St. (13)
Phone: TE 6-7996
- 4. Aluminum Co. of Amer.
506 Akron Savings & Loan Bldg. (8)
Phone: JE 5-7138
- 5. Bearing Distributors Inc.
200 E. Exchange St.
Phone: BL 3-3138

- 6. Bearings Inc.
20 Fair at Hackett St.
Phone: JE 5-4153
- 7. Bellows-Valvair
230 W. Market St. (3)
Phone: FR 6-2174
- 8. Bridgeport Brass Co.
354 W. Bowery St. (7)
Phone: BL 3-8106
- 9. Bronson & Co.
797 N. Main St. (10)
Phone: PO 2-7407
- 10. Clark Controller Co., The
217 Ash St. (8)
Phone: HE 4-3129
- 11. Cleveland Tramrail Akron Co.
619 E. Tailmadge Ave. (10)
Phone: FR 6-4174
- 12. Cole Machinery Co.
139 Borton Ave. (2)
Phone: UN 4-6988
- 13. Cunningham Supply Co.
1512 Industrial Parkway. (10)
Phone: FR 6-4197
- 14. Elgin National Watch Co.
2060 S. Arlington St. (6)
Phone: PA 4-1130
- 15. Erie Equip. Service Inc.
925 Canton Rd. (12)
Phone: ST 4-0446
- 16. Excelsior Stamp Works Co.
88 Ash St. (8)
- 17. Factory Tool & Supply
195 E. South St. (11)
- 18. General Electric Co.
P. O. Box 5278
665 W. Market St. (13)
- 19. Good Supply & Equip. Co.
905 Miami St. (11)
Phone: BL 3-9161
- 20. Gorham, J. W.
310 W. Exchange St. (2)
Phone: FR 6-4514
- 21. Hall Co., C. P.
414 S. Broadway
- 22. Hardware & Supply Co., The
475-535 S. High St. (11)
Phone: JE 5-1831
- 23. Industrial Products Sales Inc.
227 W. Exchange St. (2)
Phone: PO 2-7663
- 24. Industrial Supply & Equip.
2189 Glenmount Ave. (19)
- 25. K-C-B Co. Ltd.
828-30 Coburn St. (11)
Phone: HE 4-9161
- 26. Mahoning Valley Supply Co.
274 Park St.
Phone: HE 4-7108
- 27. Mau-Sherwood Supply Co., The
732 N. Main St. (10)
Phone: BL 3-4161
- 28. Motch & Merryweather Machinery Co., The
510 Reynold Ave.
Phone: UN 4-073
- 29. National Refining Co.
577 Malverne Rd.
Phone: UN 4-6717
- 30. National Refining Co.
962 LaFollette
Phone: JE 5-5175
- 31. Oliver-Ingalls
39 S. Main St. (8)
Phone: BL 3-8413
- 32. Peiffer Co. Inc., H. E.
1838 Collier Rd. (20)
P. O. Box 8027
Phone: SH 5-2349
- 33. Peninsular Steel Co., The
1461 Industrial Parkway. (10)
Phone: HE 4-8171
- 34. Pfeil Inc., Elmer W.
64 Marshall Ave. (3)
- 35. Reliance Equip. & Engrg. Sales Co.
1051 Copley Rd.
Phone: UN 4-6904
- 36. Reynolds Machinery Co.
29 S. Main St., Room 308
Phone: BL 3-7095

SALES OFFICES

AKRON (cont.)

37. Reynolds Metals Co.
105 State Bldg. (8)
Phone: HE 4-4558
38. Rogers Co., B. W.
380 Water St. (9)
P. O. Box 1030
Phone: PO 2-0251
39. Rotor Tool Co., The
226 Elm Dale Ave. (13)
Phone: UN 4-9844
40. Service Tool & Supply Co.
140 E. Exchange St. (4)
Box 968
Phone: JE 5-8161

ALLIANCE

41. Armour Alliance Industries
16123 Armour St., NE.
Phone: TA 1-3510
42. State Service Supply
Phone: 1-9151

ASHLAND

43. McKean, Jack A.
203 Dorchester St.
Phone: 4-6283

ASHTABULA

44. I & W Supply Co.
1116 W. 5th St.
P. O. Box 7
Phone: WO 4-1703

ATHENS

45. Cline's Welding Supply Co.
35 May Ave.

AVON LAKE

46. Garlick, Raymond H.
174 Norman Ave.

BARBERTON

47. Garland Bearing & Mfg. Co.
60 E. Springfield Rd. (6)
Hawman, Russell F.
465 N. Wooster Rd.
49. Tenney Tool & Supply Co.
973 Wooster Rd., N.
Phone: 7-1206

BAY VILLAGE

50. Behrend Machinery Inc.
Box 144
Phone: ME 1-4360
51. Cowan, Harvey J.
504 Kenilworth Rd.
Box 38
Phone: TR 1-2110
52. Devitt, W. Clark
477 Devonshire Ct.
Phone: OL 1-5353
53. Joy Co., Clarke H.
27005 Knickerbocker Rd.
Phone: TR 1-5900
54. O'Connor, J. P.
438 Kenilworth Rd.
Phone: TR 1-4500
55. Vascology-Ramet Corp.
457 Parkside Dr.
Phone: TR 1-2492
56. Wells Saw Co., George
P. O. Box 27
Phone: TR 1-6989

BEDFORD

57. Black & Decker
Krick Rd.
Phone: BE 2-1300
58. General Electric Co.
130 Northfield Rd.
Phone: BE 2-8500
59. Jenco Industrial Service
180 Greencroft Rd.
60. Lemco Industrial Inc.
5490 Dunham Rd.
61. Standard Parts Co.
1000 Broadway
Phone: BE 2-2800
62. Troutman, Edwin A.
7479 Oakhill Rd.
Phone: BE 2-3072
63. Wigglesworth Machinery
Distributors Inc., T. R.
Route 8 & Alexander Rd.
Phone: BE 2-6660

BEDFORD HEIGHTS

64. Hills Equip. Co.
21917 Aurora Rd.
Phone: GR 6-3030

65. Peninsular Steel Co., The
26800 Richmond Rd. (24)
Phone: GR 5-1300

BELLEFONTAINE

66. Electric Motor & Supply Co.
308-316 W. Columbus Ave.

BELLEVUE

67. Fiala, Ralph
123 Gardner St.
Phone: 3-3474

BELPRE

68. Advanced Sales Co.
Box 271

BEREA

69. Baker, William D.
399 Lombardy Dr.
Phone: BE 4-2385
70. Berea-Vipond Co.
P. O. Box 6
Phone: BE 4-1919
71. Carter, Donald H.
397 Race St.
Phone: BE 4-1825
72. Clinton, Charles
287 Oakdale Rd.
Phone: OL 1-6070
73. Damakey, L. C.
318 Lombardy Dr.
Phone: BE 4-2318
74. Hutt Sales Co., Martin C.
138 Front St.
Phone: BE 4-4961
75. Kilb, Don A.
444 N. Bottom Rd.
Phone: BE 4-2480
76. Lyons, Robert E.
496½ Front St.
77. National Automatic Tool Co.
Inc.
26 Front St.
Phone: BE 4-4330

BOWLING GREEN

78. Filter Distributors Co.
18 Darilyn Dr.
Phone: 3-7784

BRECKSVILLE

79. Armstrong Supply Co.
6900 Oakes Rd.
Phone: JA 6-3551
80. Grant, Robert W.
P. O. Box 75
Phone: JA 6-4255

BRIDGEPORT

81. General Welding Co.
310 Main St.
Phone: NE 5-1324

BRYAN

82. Carroll-Ames Hardware &
Supply Co.
222 W. High St.

CAMBRIDGE

83. Cambridge Machine & Sup-
ply Co.
128 Steubenville Rd.
Phone: 2-3421

CANFIELD

84. Morris Co., S. G.
25 Spring Lake Lane, R.
#3
Phone: LE 3-3411

CANTON

85. Bearings Inc.
913-9th St., SW.
Box 787
Phone: GL 4-6157
86. Bellows-Valvair
921 12th St., NW. (3)
Phone: GL 6-4949
87. Bison Corp.
1935 Allen Ave., SE.
88. Bliss Co., E. W.
1375 Raff Rd., SW.
Phone: GR 7-3421
89. Canton Hardware Co.
1221 NE. 3rd St. (2)
Phone: GL 5-0191
90. Canton Supply Co.
939 Cleveland Ave., SW.
(3)
Phone: GL 6-8251

91. Canton Welders Supply Co.
1601 Tuscarawas Ave.
92. Cox, Bernard A.
2739 Cleveland, NW.
Phone: GL 5-3092
93. Excelsior Stamp Works Co.
121-4th St., NE. (2)
94. General Electric Co.
1226 Market Ave., N. (4)
Phone: GL 3-0119
95. Heinemann Saw Corp.
2017 Navarre Rd., SW. (6)
Phone: GL 6-4721
96. Henger-Fairfield Co.
415 4th St., NW. (2)
Phone: GL 5-6833
97. Hoelzel, Karl F.
Box 1286, Station "C" (8)
Phone: GL 6-8066
98. Industrial Tool Co.
112-116 Navarre Rd., SW.
(11)
Phone: GL 4-5121
99. Mahoning Valley Supply Co.
2401 Shepler Church Rd.
Box "H", Station "B"
Phone: GL 5-3351
100. Morse Co., M. K.
1916 Frazer Ave., NW. (1)
P. O. Box 771
Phone: GL 2-6137
101. Mullally Co., Phil A.
2867 Marlin Rd.
102. Ohio Air Products of Can-
ton Inc.
2350-13th St., NE.
103. Rinehart, E. W.
316 Grandview, NW. (8)
Phone: GR 7-5526
104. Rhodes Sales, Dusty
Box 1006
Phone: TR 5-5112
105. Service Tool & Supply Co.
909 9th St., SW. (1)
Phone: GL 6-0541
106. Stark Industrial Supply Co.
619-12th St., NE. (1)
Phone: GL 5-5362
107. Workman Co., C. L.
2739 Cleveland, NW. (9)
Phone: GL 6-1060
108. Yohe Supply Co., The
5th at Mahoning & Gibb,
NE. (1)
Phone: GL 6-2418

CENTERVILLE

109. Landis Tool Co.
P. O. Box 26
15 N. Main St. (59)
Phone: TU 5-2911
110. Nuckols Co., Robert B.
81 N. Main St.
P. O. Box 203
Phone: TU 5-7651
111. Pratt Co., Ray W.
P. O. Box 577
Phone: TU 5-2586
112. Wood Co., Henry M.
215 Sheldon Dr.
P. O. Box 121
Phone: BA 8-1271

CHAGRIN FALLS

113. Arndt & Assoc., E. W.
Hemlock Point Rd.
114. Baehr, Arthur J.
P. O. Box 12
Phone: CH 7-6154
115. Burke Inc., E. F.
30549 Harvard Ave.
Phone: TE 1-8038
116. Carpenter, Kirk
274 Cats Den Rd.
117. DeGreen Sales & Service
190 Canyon Rd.
Phone: CH 7-7444
118. Grove, Gay K.
127 Eastview Dr.
Lake Lucerne
Phone: KI 3-1731
119. Leland Ohio Electric Co.
19 N. Franklin St.
P. O. Box 45
Phone: CH 7-7751
120. McSherry & Co., William J.
96 E. Washington St.
121. Moss, Robert A.
402 Rockspring Dr.
Phone: KI 3-5721

OHIO

122. Power Transmission Sales
24 N. Main St.
Phone: CH 7-6495
123. Riverside Tool Co.
19 N. Franklin St.
Phone: CH 7-7361
124. Shelton Co., Robert L.
200 Murwood Dr.
Phone: EV 2-1410

CHEVIOT

125. Rodgers & Co., C. H.
3704 Cheviot Ave.
Phone: HU 7775

CHILLICOTHE

126. Kiefaber Co., The W. H.
Route 23, N., Box 107
Phone: FR 3-2538
127. Reliance Supply Co., The
51 E. Water St.

CINCINNATI

128. Abbott Co., C. C.
3712 Erie Ave. (8)
Phone: EL 1-4174
129. Ackerman Chacco Co. Inc.
9500 Kenwood Rd., Blue
Ash (42)
Phone: SY 1-4252
130. Acme Steel Co.
1440 W. 8th St. (3)
Phone: GA 1-2101
131. Ajax Electric Salt Bath Fur-
naces
307 E. 4th St. (2)
Phone: PA 1-6444
132. Ajax Magnethermic Corp.
822 Delta Ave. (26)
Phone: TR 1-2520
133. Alemite Co. of Ohio Valley
165 W. Central Parkway.
(2)
134. Allegheny Ludlum Steel
Corp.
1109-10 Carew Tower
Bldg. (2)
Phone: PA 1-8180
135. Allen-Bradley Co.
2331 Reading Rd. (2)
Phone: UN 1-4445
136. Allied Abrasives & Tools
1758 Elmore St. (23)
Phone: MU 1-2222
137. Allis-Chalmers
1501 Madison Rd. (6)
Phone: PL 1-6760
138. Allis Co., The Louis
2330 Victory Parkway.
Phone: UN 1-1582
139. Aluminum Co. of Amer.
2331 Victory Parkway (6)
Phone: CA 1-7000
140. Amer. Brass Co., The
101 W. 4th St. (2)
Phone: GA 1-9056
141. Amer. Tool Works Co.
Pearl & Eggleston Ave.
(2)
Phone: PA 1-2860
142. Ampco Metal Inc.
Roselawn Center Bldg.
Section & Reading Rds.
(37)
Phone: JE 1-0261
143. Amaco Solvents & Chemi-
cals Co.
4619 Reading Rd. (29)
Phone: EL 1-4706
144. Armstrong Cork Co.
1657 Meta Dr. (14)
145. Aro Equip. Corp., The
6109 Hamilton Ave. (24)
Phone: LI 2-2553
146. Associated Manufacturers
Supply Inc.
P. O. Box 2803 (37)
147. Automation Accessories Inc.
8150 Camargo Rd. (43)
P. O. Box 11
Phone: LO 1-4272
148. B. C. Engrg. Co.
6900 Silverton Ave. (36)
Phone: TW 1-6122-6123
149. Babcock & Wilcox Co., The
2330 Victory Parkway. (6)
Phone: CA 1-2530

SALES OFFICES

OHIO

CINCINNATI (cont.)

150. Baker Welding Supply
3349 Montgomery Rd. (7)
Phone: EA 1-7895
151. Barber-Colman Co.
1987 Madison Rd. (8)
Phone: EA 1-7895
152. Barney, Robert P.
8725 Brent Dr. (31)
Phone: WE 1-8914
153. Bassett Rotary Files
Bay State Supply Co.
154. Bay State Supply Co., The
626 Broadway (2)
Phone: DU 1-5379
155. Bearing Distributors of Ohio
7115 Vine St. (16)
Phone: PO 1-0866
156. Bearings Inc.
1417 Central Parkway.
Phone: PA 1-8134
157. Beedle Equip. Co.
Roselawn Center Bldg.
(37)
Phone: JE 1-2640
158. Behr-Manning Co.
3154 Exon Ave. (Even-
dale) (41)
Phone: PR 1-4000
159. Bellows-Valvair
518 Wyoming Ave. (15)
Phone: VA 1-2790
160. Bethlehem Steel Co.
1401 Fifth Third Bank
Bldg.
4th & Walnut Sts. (2)
Phone: DU 1-6440
161. Betts Co., The A. A.
3311 Harrison Ave. (11)
Phone: HU 8-7577
162. Bigger & Co., C. M.
643 Reading Rd., Reading
(15)
Phone: PO 1-1441
163. Black & Decker
1094 Gilbert Ave. (2)
Phone: GA 1-2275
164. Blake Dock Co.
309 Ludlow Ave. (20)
Phone: AV 1-3511
165. Bode-Finn Co., Inc., The
2650 Spring Grove Ave.
Phone: MU 1-2200
166. Bosland Industrial Sales
4115 Edwards Rd. (9)
Phone: JE 1-5947
167. Boylan Co., P. O.
1800 Reading Rd. (15)
Phone: PO 1-1162
168. Brady Co., W. H.
Roselawn Center Bldg.,
Room B-6
1717 Section Rd. (37)
Phone: ME 1-8552
169. Braeburn Alloy Steel Corp.
1547 N. Bend Rd. (24)
Phone: KI 1-7689
170. Bridgeport Brass Co.
1423 E. McMillan St. (6)
Phone: UN 1-7790
171. Brock Co., E. W.
6117 Ridge Rd. (13)
P. O. Box "G"
Phone: JE 1-4607
172. Brokaw Machinery Co.
Alms Hotel Bldg. (6)
Phone: WO 1-5201
173. Buchanan Supply Co., Wm.
6314 Wiehe Rd., Golf
Manor (13)
Phone: RE 1-1411 or
RE 1-1412
174. Bullard Co., The
Kenwood Center Bldg.
Room 209
7565 Kenwood Rd. (36)
Phone: SY 1-3133
175. Burbank Assoc. Inc.
1423 E. McMillan St. (6)
Phone: WO 1-5736
176. Butke & Assoc., Raymond C.
1427 Beaverton Ave. (37)
Phone: WO 1-3410
177. Butkus, James D.
3556 Schwartz (11)
Phone: HU 1-0283
178. Carpenter Steel Co., The
3811 Pacific Ave. (12)
Phone: RE 1-5088
179. Carrier Corp.
2904 Woodburn Ave. (6)
Phone: CA 1-3101
180. Century Electric Co.
Room 1007, Amer. Bldg.
Parkway & Walnut St. (2)
Phone: PA 1-4220 & 1-4221
181. Chain Belt Co.
10488 Chester Rd.
Phone: PR 1-4343, 4, 5
182. Chase Brass & Copper Co.
222 Post Square (2)
Phone: PA 1-3326
183. Chemical Pump & Equip.
Corp.
1717 Section Rd. (37)
Phone: EL 1-5765
184. Chicago Pneumatic Tool Co.
4511 Reading Rd. (29)
Phone: JE 1-6325
185. Chicago Rawhide Mfg. Co.
Room C-25, Roselawn
Center Bldg. (37)
Phone: EL 1-1023
186. Chipman Supply Co.
5722 Este Ave. (32)
Phone: MU 1-7047
187. Cincinnati Designing Inc.
8120 Blue Ash Ave. (36)
Phone: SY 1-2200
188. Cincinnati Electric Equip.
Co.
16 E. 72nd St. (16)
Phone: PO 1-6105
189. Cincinnati Lathe & Tool Co.
4701 Marburg (9)
Phone: RE 1-2121
190. Cincinnati Machinery Co.
Inc.
3900-04 Kellogg Ave. (26)
Phone: TR 1-0853
191. Cincinnati Milling & Grind-
ing Machines Inc.
4701 Marburg Ave. (9)
Phone: RE 1-2121
192. Cincinnati Sign Supplies
Inc.
1111 Meta Dr. (37)
Phone: MU 1-7624
193. Cincinnati Supply Co., The
2186 Glendale-Milford Rd.
(15)
Phone: PR 1-5411
194. Circo Equip. Co.
1440 W. 8th St. (3)
Phone: MA 1-0287
195. Clark Controller Co., The
3342 Erie Ave. (8)
Phone: TR 1-0410
196. Clark-Pope Equip. Co.
311 N. Bend Rd. (16)
Phone: PO 1-3738
197. Cleveland Automatic Ma-
chine Co., The
4932 Beech St. (12)
Phone: RE 1-5300
198. Cleveland Tramrail Cincin-
nati Co.
3799 Madison Ave. (9)
Phone: TR 1-3737
199. Clippard Instrument Lab.
Inc.
7390 Colerain Rd. (39)
Phone: JA 1-4261
200. Columbia Tool Steel Co.
2716 Spring Grove Ave.
(25)
Phone: MU 1-8460
201. Copens & Assoc., M.
130 Mary Lane (17)
Phone: CA 1-5730
202. Cox Machinery Co.
P. O. Box 446 (1)
Phone: AT 3-6271
203. Crane Packing Co.
1720 Section Rd. (37)
Phone: EL 1-3488
204. Critter Supply Co.
4125 N. Hamilton Ave.
(23)
Phone: KI 1-2818
205. Crucible Steel Co.
2900 Spring Grove Ave.
(25)
Phone: KI 1-5666
206. Cuno Engrg. Corp., The
Mariemont Center Bldg.
(8)
Phone: BR 1-5172, 1-5173

CINCINNATI (cont.)

207. Cutler-Hammer Inc.
11322 Southland Rd. (40)
Phone: PR 1-5252, 3, 4, 5, 6
208. Dalton, Robert C.
504 Compton Rd. (15)
P. O. Box 51
Phone: SY 1-3133
209. Daly Co.
3349 Meyer Pl. (11)
Phone: HU 1-4529
210. Davis Sales Co., John Mare
4039 Rose Hill (29)
Phone: AV 1-1888
211. Daystrom Inc.
7613 Reading Rd. (37)
Phone: VA 1-9105
212. Denham Co. Inc.
2020 Central Parkwy. (14)
Phone: CH 1-5427
213. Derringer Co., Paul
3306 Hardesty Ave. (8)
Phone: EA 1-4909
214. Detrex Chemical Industry
Inc.
Room 902, Federal Reserve
Bank Bldg.
105 W. 4th St. (2)
Phone: MA 1-9626
215. DeVilbiss Co., The
Haddon Hall, 3418 Read-
ing Rd. (29)
Phone: CA 1-1665
216. Diers Co., George H.
7374 Reading Rd. (37)
P. O. Box 2637
Phone: RE 1-7364
217. Dietzen Co., Eugene
7633 Production Dr. (37)
Phone: PO 1-2724
218. Dimond Co., Ken
26 Cooper Bldg.
3455 Edwards Rd. (8)
Phone: TR 1-1395
219. DoALL Cincinnati Co.
2840 Colerain Ave. (25)
Phone: MU 1-1131 to
1-1133
220. Doerner, John H.
4125 Hamilton Ave. (23)
Phone: MU 1-7624
221. Donnelly, Frank
5773 Belmont Ave.
Phone: KI 1-0681
222. Dover Elevator Co.
3925 Brotherton Rd. (9)
223. Dow Corning Corp.
49 Central Ave., Room
504 (2)
Phone: MA 1-8012
224. Eccles Saw & Tool Co.
3235 Enyart St. (9)
225. Edwards & Assoc., Harry G.
254 McCullough St. (26)
Phone: EA 1-8288
226. Engrg. Specialties
8115 Camargo Rd.
Phone: LO 1-6803
227. Ex-Cell-O Corp.
8016 Plainfield Pike (36)
Merchantile Bldg.
Phone: TW 1-7800
228. Export-Import Industries
Inc.
432 Walnut St.
Phone: MA 1-1168
229. Fahm Bearing Co., The
2637 Erie Ave. (8)
Phone: EA 1-2482
230. Fairbanks, Morse & Co.
4815 Para Dr. (37)
Phone: JE 1-8860
231. Fallon, Joe
5945 Ridge Ave. (13)
Phone: RE 1-7286
232. Fauver Co. Inc., J. N.
6654 Montgomery Rd.
Phone: TW 1-8400
233. Ferguson, R. J.
1143 Seton Ave. (5)
Phone: WA 1-1877
234. Findlow Co., R. P.
7919 Blue Ash Rd. (36)
Phone: SY 1-2121
235. Fischer Industrial Equip.
Co.
6851 Plainfield Rd. (36)
Phone: TW 1-2530
236. Flack Equip. Co.
2565 W. Galbreath Rd.
237. Fremont & Lewis Inc.
Blue Ash Center Bldg.
(42)
Phone: TW 1-3580
238. G & H Sales Co.
Roselawn Center Bldg.
(37)
Box 416
Phone: JE 1-0553
239. Gallagher, John A.
1125 Seton Ave. (5)
Phone: GR 1-6086
240. Galloway, Ralph H.
1459 Larrywood Lane
Phone: MU 1-8135
241. Gans, Howard S.
5167 Chantilly Dr. (38)
Phone: BL 1-0038
242. Gauspohl, E. G.
P. O. Box 122 (8)
Phone: EA 1-2181
243. General Box Co.
4811 Vine St.
Phone: AV 1-0863
244. General Controls Co.
954 Hollytree Dr. (31)
Phone: JA 2-0040
245. General Electric Co.
2621 Victory Parkway. (6)
Phone: UN 1-3400
246. General Factory Supplies
Co.
1167 Harrison Ave. (14)
Phone: GA 1-1616
247. General Welding Equip. Co.
5724 Valley View Ave.
(13)
Phone: RE 1-5895
248. Goldschmidt Electrical Sales
Co.
3658 Vine St. (20)
Phone: UN 1-6708
249. Gosiger Machinery Co.,
The C. H.
1046 Delta Ave. (8)
Phone: TR 1-2364
250. Graybar Electric Co. Inc.
115 W. McMicken Ave.
(14)
P. O. Box 298
Phone: MA 1-0600
251. Grunkemeyer Co., Lee F.
1344 Meier Ave. (8)
Phone: EA 1-1157
252. H & R Supply Co.
9925 Daly Rd. (31)
P. O. Box 104
Phone: WE 1-1280
253. Hare Equip. Co.
1720 Section Rd. (37)
Phone: ME 1-4703
254. Harnischfeger Corp.
Roselawn Center Bldg.
Reading & Section Rds.
(37)
Phone: RE 1-1862
255. Harper Co., W. C.
C-10 Rose Lawn Center
Bldg. (37)
P. O. Box 2513
Phone: PO 1-0744
256. Heller Co., R. A.
5609 Vine St. (16)
Phone: UN 1-3484
257. Henger-Fairfield Co.
124 E. 7th St. (2)
Phone: MA 1-4749
258. Hensel, Warren S.
3762 Harvard Acres (27)
Phone: BR 1-3106
259. Hodson Machinery Co., L.
W.
6914 Miami Rd. (27)
Phone: BR 1-1027
260. Hoeltge Brothers Inc.
1919 Gest St. (4)
Phone: WA 1-0940
261. Holloway, A. P.
7305 Vine St. (16)
Phone: WA 1-3609
262. Houghton & Co., E. F.
307 E. 4th St. (2)
Phone: MA 1-6305
263. Howell Electric Motors Co.
4115 Edwards Rd. (9)
Phone: ME 1-2652

SALES OFFICES

CINCINNATI (cont.)

264. Hughes, Jr., Edward C.
P. O. Box 124 (24)
Phone: LI 2-4738
265. Hunting Co., The Donald B.
7305 Vine St.
Phone: PO 1-4530
266. I-T-E
4557 Montgomery Rd. (12)
Phone: RE 1-3966
267. Ideal Industries Inc.
1423 E. McMillan St. (6)
Phone: WO 1-3231
268. Ingersoll-Rand Co.
428 McGregor Ave. (6)
Phone: PL 1-6060
269. International Nickel Co.
1715 Carew Tower (2)
Phone: PA 1-1631
270. Isaacs Co., The
2708 Vine St. (19)
Phone: PL 1-2414
271. J&L
1401 Carew Tower (2)
272. Jay Instrument & Specialty Co.
9966 Springfield Pike (15)
Phone: PR 1-7070
273. Jervis-Webb Co.
2350 Victory Parkway. (6)
Phone: CA 1-2227
274. Jessop Steel Co.
1914 Union Central Bldg. (2)
Phone: MA 1-8102
275. Johns-Manville Sales Corp.
Central Parkway. at Walnut St. (2)
276. Johnson Bronze Co.
809 Sycamore St. (2)
Phone: CH 1-5454
277. Johnson & Son Inc., S. C.
1005 Meta Dr. (37)
Phone: RE 1-4246
278. Johnston Co., Wm. T.
1870 Summit Rd. (37)
Phone: VA 1-5671
279. Jones & Co.
2324 Erie Ave. (3)
280. Kammerer Sales Co.
3639 Ault Park Ave. (8)
Phone: EA 1-5494
281. Keen Machinery Co.
Roselawn Center Bldg. (37)
Phone: JE 1-4504
282. Kelly, Harold A.
613 Tri-State Bldg.
Phone: DU 1-1155
283. Kemp, Thomas E.
729 Main St. (2)
Phone: CH 1-6226
284. Kennametal Inc.
7620 Reinhold Dr. (37)
Phone: PO 1-1407, 1-1408
285. Keough, Roger
790 Ivy Hill Dr. (28)
Phone: KI 1-3489
286. Kiesel, T. C.
P. O. Box 93, Pleasant Ridge Sta. (13)
Phone: JE 1-6203
287. Kinsey Co., The E. A.
327-335 W. 4th St. (2)
Phone: PA 1-6030
288. Lansman, Frank
2869 Losantville Rd.
Phone: RE 1-2653
289. Lathrup Industries Inc.
6491 Don Joy Dr.
Phone: PA 1-6030
290. Lauers Brothers Inc.
2780 Highland Ave., Norwood (12)
291. Lawrence Electric Co., The F. D.
3450 Beekman St. (23)
Phone: LI 2-1100
292. LeBlond Machine Tool Works, R. K.
Madison & Edwards (8)
Phone: JE 1-0910
293. Lee & Co. John C.
7050 Drake Rd. (43)
Phone: LO 1-5486
294. Leeds & Northrup Co.
8005 Plainfield Rd. (38)
Phone: SY 1-2274
295. Lincoln Electric Co., The
6319 Wiehe Rd. (13)
Phone: EL 1-0188

CINCINNATI (cont.)

296. Linde Co.
1501 Madison Rd. at Victory Parkway.
297. Lippert, B. J.
1603 Carew Tower
Phone: CH 1-1678
298. Lodge & Shipley Co.
3055 Colerain Ave.
Phone: BR 1-3292
299. Lott Co., George T.
4629 Plainville Rd. (27)
Phone: BR 1-3292
300. Louder Co.
3833 Thornton Dr. (36)
Phone: SY 1-9570
301. Machine Tools & Special Machinery Supply
307 E. 4th St. (2)
Phone: CH 1-3436
302. Mallory & Co. Inc. P. R.
1144 Hempstead Dr. (31)
Phone: BR 1-3292
303. Marathon Electric Mfg. Corp.
2089 Sherman Ave., Room 53 (12)
Phone: JE 1-2855
304. Marlin-Rockwell Corp.
3927 Brotherton Rd. (9)
Phone: BR 1-5670
305. Master Spline Tool & Gage Co.
Beech & Kenilworth Sts. (12)
Phone: JE 1-1212
306. Mauger, R. W.
7810 Thomas Dr. (13)
Phone: EL 1-3496
307. Maurath Co., Robert F.
3035 Portsmouth Ave. (8)
Phone: EA 1-0478
308. Mayer, Robert O.
3548 Montgomery Rd. (7)
Phone: JE 1-1742
309. McBeth Machinery Co.
106 Roger Bldg.
1720 Section Rd.
P. O. Box 2623
Phone: EL 1-3313
310. McLouth Steel Corp.
1717 Section Rd. (37)
Phone: ME 1-4330
311. McMillan Co., M. W.
9208 Blue Ash Rd. (42)
Phone: SY 1-4706
312. McNay Equip. Co.
4850 Cooper Rd. (42)
Phone: TW 1-7123-23
313. Mechanical Finishing Co.
5936 Carthage Ct. (12)
Phone: RE 1-0700
314. Mechanical Supplies Co., The
1953 Losantville Ave. (37)
Phone: EL 1-4010
315. Merrifield Co.
730 Brooks Ave. (75)
Phone: VA 1-1338
316. Metzger Machine Co.
2165 Spring Grove Ave.
Phone: CH 1-3360
317. Miller, N. E.
7320 Quail Hollow Rd. (43)
Phone: GA 1-2545
318. Minn. Mining & Mfg. Co.
4835 Farr Dr. (37)
Phone: EL 1-2313
319. Modern Machinery Co.
4th & Main Sts. (2)
822 Gas & Electric Bldg.
Phone: DU 1-6886
320. Monroe & Co.
3329 Reading Rd. (29)
Phone: WO 1-7534-35
321. Morse Chain Co.
7565 Kenwood Rd.-Kenwood Center Bldg. (36)
Phone: TW 1-7474
322. Morten & Schmidt Co.
6056 Montgomery Rd. (15)
Phone: ME 1-6166
323. Moser, Jr., F. J.
6631 Twinridge Lane (24)
Phone: MU 1-6637
324. Mosier Co., K. C.
6817 Stewart Rd. (36)
Phone: GA 1-1023
325. Mosier Co., K. C.
6119 Cary
Phone: GA 1-1023

CINCINNATI (cont.)

326. Mossberg Inc.
7824 Hamilton (31)
Phone: WE 1-8685
327. Motch & Merryweather Machine Co.
Kenwood Center Bldg.
Kenwood & Montgomery Rds. (38)
P. O. Box 115
Phone: TW 1-6410
328. Mueller Brass Co.
3345 Harrison Ave. (11)
Phone: MO 2-0690
329. Muller, Edw. B.
5320 Montgomery Rd.
Blue Ash Center Bldg. (42)
Phone: SY 1-4224
331. Nebel Machine Tool Co.
3401 Central Parkway. (25)
Phone: LI 2-3500
332. Nelson Stud Welding Div.
4109 Webster Ave., Deer Park (36)
Phone: TW 1-4323
333. New Departure Div. GMC
Room #2, Roger Bldg.
1720 Section Rd. (37)
Phone: ME 1-3021
334. Norma-Hoffmann Bearings
6914 Miami Rd. (27)
Phone: BR 1-3967
335. O.K.I. Welding Supply Co.
1630 Walnut St. (10)
Phone: MA 7315-16-17
336. OKIVA
1630 Walnut St. (10)
Phone: MA 1-7315
337. Oakite Products Inc.
42 Main St. (2)
Phone: PA 1-3732
338. Oakley Grinding Co.
4449 Brazeel St. (9)
Phone: TR 1-3000
339. Oberklein & Assoc., G. T.
2541 Ridgecliff Ave. (13)
Phone: RE 1-1494
340. Ohio Crankshaft Co., The
P. O. Box 927 (1)
Phone: ED 1-2113
341. Oilgear Co., The
1720 Section Rd., Roger Bldg. (37)
Phone: RE 1-5530
342. Olsen Co., John O.
4016 Diehl Ave. (36)
Phone: SY 1-1297
343. Orr Safety Equip. Co.
2853 Colerain Ave. (25)
Phone: OW, Herbert L.
3977 Lowry St. (29)
345. Pangborn Corp.
6914 Miami Rd. (27)
Phone: BR 1-8944
346. Paquin Co.
3641 Vine St.
Phone: PL 1-5900
347. Parker-Hannifin Industrial Sales Office
Mariemont Center Bldg. (27)
Phone: BR 1-3803
348. Parsons, Gray
205 E. 6th St. (2)
Phone: CH 1-7629
349. Pathon-Cincinnati Sales Co.
3823 Pacific Ave. (12)
Phone: JE 1-1834
350. Patterson, Jr., Wm. S.
613 Tri-State Bldg. (2)
Phone: DU 1-1678
351. Pettit, Norman F.
913 Lakeshore Dr. (31)
Phone: JA 2-1755
352. Pfister Engrg. Co.
709 Temple Bar Bldg. (2)
Phone: GA 1-3850
353. Pickering Hardware Co. Inc.
440 Main St.
Phone: MA 1-3563
354. Plant Equip. Co.
316 Dunn St. (15)
Phone: PA 1-6183
355. Pletz Co., A. C.
7373 Brookcrest Dr.
Roselawn Center Bldg.
P. O. Box 2525
Phone: EL 1-1477

OHIO

356. "Pop" Rivet Div.
2977 Lischer Ave.
Phone: HU 1-1712
357. Power Transmission Sales
626 Broadway (2)
Phone: MA 1-3537
358. Pratt Co., Ray W.
307 E. 4th (43)
P. O. Box 36
Phone: MA 1-8669
359. Pratt & Assoc., S. Wm.
8618 Sampson Lane
Phone: TW 1-3647
360. Pratt & Whitney Co. Inc.
236 E. 9th St. (2)
Phone: PA 1-3112
361. Precision Nut Co.
4551 Ruebel Pl.
Phone: MO 2-1781
362. Precision Tool Sales
4115 Edward Rd. (9)
Phone: JE 1-1166
363. Production Saws & Supply
Elmwood Pl. (18)
P. O. Box 114
Phone: ME 1-1996
364. Production Services
626 Broadway (11)
Box 72-Westwood Branch
Phone: HU 1-4261
365. Purcell Co. Inc., W. J.
4315 Myrtle Ave., Rossmoyne (8)
Phone: SY 1-1131
366. Queen City Supply Co., The
7676 Reinhold Dr. (37)
Phone: PO 1-4210
367. Queen City Warehouses Inc.
42-56 Main St. (2)
Phone: PA 1-3731
368. Radican, Henry T.
5851 Montfort Hills Ave. (39)
Phone: LI 2-0416
369. Ramey, Everett
2009 Carew Tower (2)
Phone: PA 1-1822
370. Ranz Co., The Frank S.
111 E. 4th St. (2)
Phone: DU 1-7474
371. Reineck & Sons, Carl H.
1717 Section Ave. (37)
Phone: EL 1-2454
372. Reliable Castings Corp.
3530 Spring Grove Ave. (23)
Phone: KI 1-2627
373. Reliance Electric & Engrg. Co.
823 Delta Ave.
Phone: TR 1-5100
374. Republic Steel Corp.
2701 Carew Tower Bldg. (2)
Phone: PA 1-3801
375. Revere Copper & Brass Inc.
Sta. "O", Box 26
3181 Linwood Rd. (8)
Phone: TR 1-1232
376. Reynolds Metals Co.
2261 Victory Parkway. (6)
Phone: PL 1-2808
377. Richard Equip. Co.
2137 Reading Rd.
Phone: CH 1-3240
378. Rodgers & Co., C. H.
3704 Chevrolet Ave. (11)
P. O. Box 88
Phone: HU 1-7775
379. Romano Engrg. Co.
6844 Vinewood (27)
P. O. Box 67
Phone: BR 1-8942
380. Rotor Tool Co., The
1717 Section Rd., Room B-3 (37)
Phone: JE 1-3372
381. Ryerson & Son Inc., J. T.
Annex Box 500
3475 Spring Grove Ave. (14)
Phone: KI 1-3241
382. Sayre & Son Co., Jos. J.
417 Main St. (2)
383. Scallan Supply Co., The
2337-2339 Gilbert Ave. (6)
Phone: PL 1-1010

SALES OFFICES

OHIO

CINCINNATI (cont.)

- 384. Senti Equip. Co.
7109 Vine St. (16)
Phone: VA 1-5474
- 385. Scott Material Handling Co.
7109 Vine St. (16)
Phone: VA 1-5474
- 386. Scott, O. C.
2731 Harrison Ave. (11)
Phone: HU 1-0017
- 387. Selfreast-Eistad Machinery Co.
7617 Reading Rd. (37)
P. O. Box 2508
Phone: PO 1-2560
- 388. Sheffield Central Sales
6851 Plainfield Rd. (36)
Phone: TW 1-7811
- 389. SKF Industries Inc.
6115 Wiehe Rd. (13)
Phone: RE 1-7117
- 390. SKIL Corp.
1361 Tennessee Ave. (29)
Phone: ME 1-8382
- 391. Smith, Giles A.
P. O. Box 1054 (1)
Phone: AV 1-6000
- 392. Smyser Co.
1046 Delta Ave. (8)
Phone: TR 1-0605
- 393. Snap-on Tools Corp.
4205 Vine St. (17)
Phone: WO 1-3188
- 394. South Chester Corp.
1717 Section Rd. (37)
Phone: EL 1-2424
- 395. Spaulding Co., Ray R.
8725 Kenwood Ave. (42)
Phone: TW 1-8868
- 396. Spieckerman, Herb
2942 Losantiridge Ave.
Phone: JE 1-2091
- 397. Star Stainless Screw Co.
4551 Ruebel Pl. (11)
Phone: MO 2-1781
- 398. Steinhoff, Julius
3926 Longford Dr. (36)
Phone: TW 1-7567
- 399. Stelter & Brinck
515 Melish Ave. (29)
Phone: PL 1-0453
- 400. Sterling Electric Motors Inc.
P. O. Box 127 (12)
Phone: RE 1-5432
- 401. Stevens Co., The Tom
1152 Woody Lane
Phone: BL 1-1894
- 402. Stilgenbauer, Ned
Office #7
2637 Erie Ave. (8)
Phone: EA 1-5637
- 403. Storer & Assoc., Sheldon
1429 E. McMillan St. (17)
P. O. Box "D"
Phone: CA 1-1191
- 404. Storey Machinery Co.
1424 Central Parkway.
Phone: MA 1-4969
- 405. Stuebing Engineers Co.
2425 Spring Grove Ave. (14)
Phone: MA 1-4788
- 406. Sun Oil Co.
2414 River Rd. (4)
Phone: WA 1-5500
- 407. Swigart Co., E. & J.
34 W. 6th St.
Phone: PA 1-1427
- 408. Syntro Cincinnati Sales Co.
7565 Kenwood Rd. (36)
Phone: SY 1-6161
- 409. Tarkington-Van Atten Co.
2904 Woodburn Ave. (6)
Phone: PL 1-1434-1-1435
- 410. Technical Equip. Sales Co. Inc.
411 Oak St. (19)
Phone: CA 1-3445
- 411. Thomas Equip. Inc.
3181 Linwood Rd. (8)
Phone: EA 1-5000
- 412. Thompson Co., R. H.
4629 Plainville Rd. (27)
Phone: PL 1-1434-1-1435
- 413. Thor Power Tool Co.
3726-28 Floral Ave. (12)
Phone: RE 1-2086
- 414. Timken Roller Bearing Co., The
1738 Tennessee Ave. (29)
Phone: EL 1-1100
- 415. Tool Sales & Engrg. Co.
P. O. Box 447, Roselawn Sta. (37)
Phone: ME 1-1903
- 416. Tool Sales & Service of Cincinnati
325 Bank Ave. (St Bernard)
Phone: PL 1-8100
- 417. Transmission Inc.
7611 Production Dr. (37)
Phone: PO 1-3315
- 418. Union Carbide Plastics Co.
2330 Victory Parkway. (6)
Phone: UN 1-3035
- 419. U. S. Gypsum Co.
Suite 206, 1423 E. McMillan (6)
Phone: UN 1-9115
- 420. U. S. Steel Corp.
1416 Fifth Third Bank Bldg.
4th & Walnut Sts. (1)
P. O. Box 778
Phone: CH 1-6968
- 421. Valvoline Oil Co.
431 Main St. (2)
Phone: CH 1-6968
- 422. Vanadium-Alloys Steel Co.
605 Mercantile Library Bldg. (2)
Phone: MA 1-2329
- 423. Vascoloy-Ramet Corp.
4125 Hamilton Ave. (23)
P. O. Box 38
Phone: KI 1-2818
- 424. Veeder-Root Inc.
1669 California Ave. (37)
Phone: ME 1-2796
- 425. Vickers Inc.
1316 American Bldg.
Central Parkway. & Walnut St. (2)
Phone: MA 1-1756
- 426. Vulcan Supply & Metals Co.
535 Reading Rd. (2)
Phone: MA 1-4860
- 427. Wahl Co. Inc., A. C.
P. O. Box 213, Lockland (15)
Phone: VA 1-3270
- 428. Wales Strippit Inc.
Tri-State Bldg.
432 Walnut St.
Phone: GA 1-1931
- 429. Walker Machinery Co.
5668 Wooster Pike (7)
Phone: BR 1-3380
- 430. Waltz-Dettmer Supply Co.
1910 W. 8th St. (4)
Phone: GR 1-6050
- 431. Welding & Mechanical Supplies
342 Crescent Ave. (15)
Phone: ME 1-2796
- 432. West Chemical Products Inc.
2101 Ross Ave. (12)
Phone: BR 1-3380
- 433. White Co., Horace S.
3035 Sandra Pl. (38)
Phone: HU 1-2759
- 434. Whitehead, Russell S.
9212 Fields Ertel Rd. (42)
Phone: SY 1-2902
- 435. Whiting Corp.
3181 Linwood Rd. (8)
Phone: TR 1-1589
- 436. Willey-Wray Electric Co.
1423-27 Central Parkway. (14)
Phone: PA 1-4720
- 437. Williams & Co. Inc.
3231 Fredonia Ave. (29)
Phone: CA 1-3000
- 438. Wirthlin, Jr., E. N.
888 Alnetta Dr.
Phone: BE 1-5534
- 439. Wirthlin-Mann Co., The
1930 Dana Ave. (7)
Phone: RE 1-6090
- 440. Wood Co., Henry M.
920 E. McMillan St. (6)
Phone: AV 1-1136
- 441. Wood Supply Co., J. R.
306-310 Reading Rd. (2)
Phone: PL 1-8100
- 442. Woodall Sales & Service Co.
5156 Ballantrae Ct. (18)
P. O. Box 33
Phone: PR 1-2941

CINCINNATI (cont.)

- 443. Yale & Towne Mfg. Co., The
9890 Springfield Pike (15)
Phone: PR 1-1200
 - 444. Young Co., Robert C.
Lockland Rd. & Shepherd Lane (15)
Phone: PO 1-3165
 - 445. Young, William H.
10167 Ronnie Rd. (13)
Phone: PR 1-8216
- #### CLEVELAND
- 446. A-C Equip. Co.
14820 Detroit Ave.
Phone: AC 6-1106
 - 447. Able Machinery & Supply Co.
1925 Lee Rd. (18)
Phone: ER 1-1632
 - 448. Abrasive Machine Methods Corp.
875 E. 140th St.
Phone: UL 1-8383
 - 449. Abrasive Tool & Supply Co.
2800 E. 55th St.
Phone: UT 1-7227
 - 450. Abrasives & Cutting Tools Co.
1441 Lakeside Ave. (14)
Phone: MA 1-4690
 - 451. Acheson Colloids Co.
12429 Cedar Rd., Room 3 (6)
Phone: YE 2-7151
 - 452. Adamas Carbide Corp.
1231 Main Ave., NW. (13)
Phone: PR 1-6155
 - 453. Addy & Goetz Machinery Co.
1825 Superior Bldg. (14)
Phone: MA 1-1329
 - 454. Ajax Electric Salt Bath Furnaces
2012 W. 25th St. (13)
Phone: PR 1-7112
 - 455. Ajax Magnethermic Corp.
14820 Detroit Ave. (7)
Phone: AC 1-6440
 - 456. Aldrich Co., The
4040 Mayfield Rd. (21)
Phone: EV 2-2890
 - 457. Alemite Co., The
1120 E. Carnegie Ave. (15)
Phone: EV 2-2890
 - 458. Allegheny Ludlum Steel Corp.
3101 Euclid Bldg., Room 309 (15)
Phone: UT 1-0500
 - 459. Allen-Bradley Co.
3416 Prospect Ave. (15)
Phone: EZ 1-2855
 - 460. Allen Co., John M.
13322 Lorain Ave. (11)
Phone: CL 1-4100
 - 461. Allied Power Transmission Co.
5328 Superior Ave. (3)
Phone: HE 1-4232
 - 462. Allis-Chalmers
815 Superior Ave., NE. (14)
Phone: MA 1-5182
 - 463. Allis Co., The Louis
1836 Euclid Ave. (15)
620 Union Bldg.
Phone: CH 1-2913
 - 464. Aluminum Co. of Amer.
1450 Terminal Tower (13)
Phone: CH 1-6880
 - 465. Amer. Brass Co., The
2200 W. 117th St. (11)
Phone: CL 1-1105
 - 466. Amer. Felt Co.
1845 E. 9th St. (14)
Phone: MA 1-0258
 - 467. Amer. Instrument Co. Inc.
P. O. Box 7816 (31)
Phone: LA 4-2530
 - 468. Amer. Optical Co.
1325 Rockwell Ave. (1)
Phone: CH 1-3836
 - 469. Amer. Steel & Wire Div.
Rockefeller Bldg. (13)
Phone: TO 1-2000
 - 470. Ampco Metal Inc.
United Office Bldg.
25 & Lorain Ave. (13)
Phone: PR 1-1341
 - 471. Anderson-Bolds Inc.
2012 W. 25th St. (13)
Phone: PR 1-7112
 - 472. Applegate, Harry W.
14237 Detroit Ave. (7)
Phone: AC 1-5890
 - 473. Armstrong Cork Co.
2975 Superior Ave. (14)
Phone: EN 1-7300
 - 474. Aro Equip. Corp., The
2700 E. 79th St.
Phone: EN 1-7300
 - 475. Arrow Tools Inc.
8905 Lake Ave. (2)
Phone: OL 1-5198
 - 476. Atlas Material Co.
3049 Woodland Ave. (15)
Phone: MA 1-6146
 - 477. Babcock & Wilcox Co., The
1420 National City Bank Bldg. (14)
Phone: SU 1-8777
 - 478. Baehr, Greenleaf & Assoc.
14700 Detroit Ave. (7)
Phone: AC 1-0630
 - 479. Baker Distributing Co.
1105 W. 11th St. (13)
Phone: MA 1-7131
 - 480. Baker & English Inc.
1370 W. 9th St. (13)
Phone: CH 1-3703
 - 481. Baldor Electric Co.
8200 Dartmouth Dr. (29)
P. O. Box 7288
Phone: TU 4-5992
 - 482. Bales & Co., G. H.
6210 Carnegie Ave. (3)
Phone: UT 1-9810
 - 483. Barber-Colman Co.
3030 Euclid Ave. (15)
Phone: EN 1-2114
 - 484. Bay State Tap & Die Co.
1242 E. 40th St. (14)
Box 6656
 - 485. Bearing Bronze Casting Co., The
3515 E. 82nd St. (5)
Phone: MI 1-6520
 - 486. Bearing Distributors Inc.
2618 Carnegie Ave. (6)
Phone: PR 1-6380
 - 487. Bearings Inc.
3634 Euclid Ave. (15)
Phone: UT 1-2828
 - 488. Bearings Inc.
3065 W. 117th St.
Phone: CL 1-6822
 - 489. Behr-Manning Co.
4101 W. 150th St. (35)
Phone: OR 1-3300
 - 490. Bellows-Valvair
3101 Euclid Ave. (15)
Phone: HE 1-8228
 - 491. Berrington & Son Inc., Wm. R.
4821 Superior Ave. (3)
Phone: EX 1-7828
 - 492. Beryllium Corp., The
14706 Detroit Ave. (7)
Phone: AC 1-2929
 - 493. Besly-Welles Corp.
1474 Lakeside Ave. (14)
Phone: PR 1-6250
 - 494. Bethlehem Steel Co.
2700 Terminal Tower
50 Public Square (13)
Phone: TO 1-3566
 - 495. Bingham Co., The W.
1278-86 W. 9th St. (1)
Phone: TO 1-1300
 - 496. Blissett Steel Co., The
945 E. 67th St.
Phone: EX 1-2000
 - 497. Black & Coulton Inc.
1836 Euclid Ave. (15)
Phone: MA 1-2035
 - 498. Blakeslee & Co., G. S.
3939 Superior Ave.
Phone: EX 1-9088
 - 499. Blake Tool & Supply Co.
1231 Main Ave. (13)
Phone: SU 1-4340
 - 500. Bliss Co., E. W.
1400 Brookpark Rd. (9)
Phone: SH 1-8600

CLEVELAND (cont.)

501. Biles & Laughlin Inc.
2900 Lee Rd. (18)
Phone: FA 1-8076
502. Boston Gear Works
1702 St. Clair Ave., NE.
(14)
Phone: MA 1-5140
503. Brady Co., W. H.
2111 S. Green Rd. (21)
Phone: EV 2-5090
504. Braeburn Alloy Steel Corp.
2325 St. Clair Ave. (14)
Phone: MA 1-4412
505. Brandes Inc., C. O.
4900 Euclid Ave. (3)
Phone: HE 1-0414
506. Brannon, Paul W.
21877 Euclid Ave. (17)
Phone: IV 6-3500
507. Bridgeport Brass Co.
1921 E. 119th St. (6)
Phone: CE 1-5180
508. Bristol Co., The
8905 Lake Ave. (2)
Phone: AT 1-0924
509. Brodhead-Garrett Co.
4560 E. 71st St. (5)
Phone: DI 1-0248
510. Brown, Paul
2355 Lee Rd.
Phone: FA 1-8594
511. Brown & Sharpe Mfg. Co.
1577 W. 117th St. (7)
Phone: LA 1-4854
512. Brown Star Distributors Inc.
3725 Lee Rd. (20)
Phone: LO 1-9100
512. Bryant Chucking Grinder
627 Fenton Bldg.
1213 W. 3rd St. (13)
Phone: TO 1-5900, 1-5901
514. Bullard Co., The
16828 Chagrin Blvd. (20)
Phone: WA 1-7070
515. Burgmaster Ohio Sales Co.
14706 Detroit Ave.
Phone: AC 6-3700
516. Burke Inc., E. F.
17002 Miles Ave. (28)
Phone: WY 1-8272
517. Burke, Thomas G.
18216 Landseer Rd.
Phone: KE 1-0122
518. Calvert Co., N. W.
1743 Chester Ave. (14)
Phone: TO 1-2675
519. Caputo, Michael A.
23806 E. Silsby Rd. (21)
Deschwood
Phone: EV 2-3156
520. Carlson-Butledge Co.
4500 Euclid Ave. (3)
Phone: HE 1-7722
521. Carpenter Steel Co., The
1515 Hamilton Ave. (14)
Phone: PR 1-4394
522. Carrier Corp.
2203 Superior Ave. (14)
Phone: TO 1-6640
523. Century Electric Co.
16115 Puritan Ave. (35)
Phone: OR 1-2900
524. Chain Belt Co.
550 Terminal Tower Bldg.
60 Public Square (13)
Phone: CH 1-4325, 6, 7
525. Chandler & Fisher Co.
12908 Triakett Rd. (11)
526. Chaney, Allen B.
14820 Detroit Ave. (7)
Phone: AC 6-1106
527. Chase Brass & Copper Co.
4000 Chester Ave. (3)
P. O. Box 1497, Station
"B"
Phone: HE 2-2300
528. Chemical Pump & Equip.
Corp.
2680 Lee Rd. (18)
Phone: ER 1-4558
529. Chemical Rubber Co., The
2310 Superior Ave. (14)
530. Chicago Pneumatic Tool Co.
1643 Superior Ave. (14)
Phone: MA 1-8081
531. Chisholm-Moore Hoist Div.
3030 Euclid Ave., Room
310 (15)
Phone: EK 1-2200
532. Cincinnati Milling & Grinding
Machines Inc.
3625 Lee Rd. (20)
Phone: SK 2-2000
533. Circo Equip. Co.
Bulkeley Bldg.
1501 Euclid Ave. (15)
Phone: SU 1-9892
534. Clark Controller Co., The
13878 Cedar Rd. (18)
Phone: ER 1-3600
535. Clark Equip. Co.
3471 W. 140th St. (11)
Phone: CL 1-2930
536. Clark Machinery Co.
1235 St. Clair Ave. (14)
Phone: MA 1-4779
537. Cleveland Automatic Ma-
chine Co., The
2091 Mayfield Rd. (18)
Phone: FA 1-4670
538. Cleveland Ball Bearing Co.
3865 Carnegie Ave. (3)
Phone: HE 1-8867
539. Cleveland Blue Print & Sup-
ply Co.
1408 Chester Ave. (14)
Phone: PR 1-1722
540. Cleveland Grinding Machine
Co., The
1643 Eddy Rd. (12)
541. Cleveland Industrial Equip.
Sales Co.
4500 Euclid Ave.
Phone: HE 1-8640
542. Cleveland Oak Belting Co.
2915 Detroit Ave. (13)
Phone: MA 1-0216
543. Cleveland Pump & Supply
Co.
Rockefeller Bldg. (13)
Phone: CH 1-1843
544. Cleveland Saw & Mfg. Co.
1173 E. 58th St. (3)
Phone: HE 1-4211
545. Cleveland Tool & Supply
Co., The
1427-1437 W. 6th St. (13)
Phone: CH 1-8485
546. Cleveland Trammell Webb
Div.
488 E. 105th St. (8)
Phone: UL 1-2161
547. Cleveland Twist Drill Co.,
The
1242 E. 49th St. (14)
548. Clough Co., Joseph B.
12417 Cedar Rd. (6)
Phone: ER 1-3322
549. Collins, E. V.
3537 Lee Rd. (20)
Phone: LO 1-0790
550. Collins Co., H. G.
3516 W. 105th St. (11)
Phone: CL 1-8686
551. Columbia Steel & Shafting
Co.
15776 Euclid Ave. (12)
Phone: GL 1-5940
552. Columbia Tool Steel Co.
1640 St. Clair Ave. (14)
Phone: MA 1-1785
553. Commercial Electric Co.
1250 St. Clair Ave., NE.
(14)
Phone: CH 1-2386
554. Commercial Saw & Tool Co.
877 Addison Rd. (3)
Phone: UT 1-6758
555. Cook Co., The Elmer C.
14237 Detroit Ave. (7)
Phone: AC 1-5242
556. Cook, O. P.
3030 Euclid Ave. (15)
Phone: EX 1-3343
557. Copper & Brass Sales Inc.
7711 Grand Ave. (4)
Phone: EN 1-6757
558. Corundum Co. Inc.
19600 St. Clair Ave. (19)
Phone: IV 6-3223
559. Cosa Corp. of Ohio
3315 Brookpark Rd. (34)
Phone: SH 9-2115
560. Cox-McGeorge Co., The
Marshall Bldg. (12)

CLEVELAND (cont.)

561. Crane Packing Co.
10633 Chester Ave. (6)
Phone: SW 1-4850
562. Cuno Engrg. Corp., The
4511 Brookpark Rd. (29)
Phone: ON 1-1900
563. Curtis Sales Corp.
3231 Warrenville Center
Rd. (22)
Phone: SK 2-0225
564. Cutler-Hammer Inc.
1521 W. 117th St. (7)
Phone: AC 1-0190
565. Cutting Tools Inc.
16309 Euclid Ave. (12)
Phone: IV 1-3737
566. D-M-E Corp.
502 Brookpark Rd. (9)
Phone: SH 1-9202
567. Danly Machine Specialties
Inc.
11400 Brookpark Rd. (30)
Phone: SH 8-2500
568. Davenport Co., David W.
5713 Euclid Ave. (3)
Phone: HE 1-8245
569. Davies, Floyd W.
14871 Alger Rd. (11)
Phone: LA 1-6450
570. Davis Tool Co.
7220 Associate Ave. (9)
571. Daystrom Inc.
3951 Lee Rd. (28)
Phone: SK 2-3030
572. Dayton Perforators Inc.
11360 Brookpark Rd. (30)
Phone: SH 9-4660
573. De Laval Separator Co., The
3100 Wooster Rd. (16)
Phone: ED 1-7778
574. Delco Products Div.
Suite 108, Center West
Bldg.
20950 Center Ridge Rd.
(16)
Phone: ED 1-8821
575. Denison Engrg. Div.
5530 State Rd. (34)
Phone: FL 1-4040
576. Denton & Anderson Co., The
3733 Lee Rd. (20)
Phone: WY 1-4200
577. Desco Inc.
13231 Euclid Ave. (12)
Phone: PO 1-3688
578. Dessil Tool & Supply Co.
1616 St. Clair Ave. (14)
Phone: CH 1-7445
579. Detrex Chemical Industry
Inc.
859 Leader Bldg. (14)
Phone: CH 1-3765
580. DeVilbiss Co., The
4008 E. 89th St. (5)
Phone: BR 1-6065
581. Die Supply Div.
1400 Brookpark Rd. (14)
Phone: SH 1-9000
582. Diehl Mfg. Co.
2117 Superior Ave. (14)
Phone: MA 1-4853
583. Dillon, W. R.
1220 Huron Rd.
Phone: CH 1-1491
584. Dingle-Clark Co., The
1248 Engineers Bldg. (14)
Phone: TO 1-4470
585. Diversey Corp., The
75 Public Square (13)
Phone: CH 1-6180
586. DoALL Cleveland Co.
4705 Brookpark Rd. (34)
Phone: SH 6-2626
587. Doerr, Jr., Frank L.
19611 Cherry Wood Lane
(28)
Phone: WY 1-5302
588. Dow Corning Corp.
3592 Lee Rd. (20)
Phone: WY 1-1900
589. Dudley Co., C. J.
16901 Euclid Ave. (12)
Phone: IV 6-1890
590. Duke Co., George
7441 W. Ridgewood Ave.
(29)
Phone: TU 6-4330
591. Dynapak/Convair
1477 W. 110th St. (2)
Phone: AC 1-3410

OHIO

592. Esaco Products
P. O. Box 7314
Phone: SH 9-3515
593. Eaton Mfg. Co.
17877 St. Clair Ave. (10)
Phone: IV 1-9000
594. Economy Equip. Co.
3614 Euclid Ave. (15)
Phone: UT 1-0172
595. Edwards Co., C. J.
1535 E. 55th St. (3)
Phone: EN 1-4030
596. Elgin National Watch Co.
4673 Landchester Rd. (9)
Phone: TU 6-3878
597. Elliott Co., B. K.
634 Huron Rd. (15)
Phone: MA 1-6746
598. Equip. for Industry
7702 Carnegie Ave. (3)
Phone: UT 1-2216
599. Erico Products Inc.
2070 E. 61st Pl. (3)
Phone: UT 1-4242
600. Erie Equip. Co.
14409 Cedar Rd. (21)
Phone: EV 2-8700
601. Espey, Carl R.
Howard Johnson Bldg.
8905 Lake Ave. (2)
Phone: OL 1-0945
602. Ex-Cell-O-Corp.
627 Pention Bldg.
1213 W. 3rd St. (13)
Phone: TO 1-5900, 1-5901
603. Excelsior Stamp Works Co.
415 Eagle Ave. (15)
604. Fafnir Bearing Co., The
25000 Euclid Ave. (17)
Phone: AN 1-0600
605. Fairbanks, Morse & Co.
3000 W. 117th St. (11)
Phone: CL 1-3300
606. Federal-Mogul Div.
6600 Metta Ave. (3)
Phone: UT 1-7500
607. Federal Products Corp.
650 S. Green Rd. (21)
Phone: EV 1-7270
608. Ferro Corp.
4150 E. 58th St.
609. Feuchter, J.
The Agents Bldg. (20)
3537 Lee Rd.
Phone: WA 1-6570
610. Finishers Supply Co.
2193 W. 26th St. (13)
Phone: CH 1-8434
611. Finnicum & Assoc., J. L.
4500 Euclid Ave. (3)
Phone: HE 1-7477
612. Fifth Sterling Inc.
2601 St. Clair Ave. (14)
Phone: TO 1-5180
613. Fisher Assoc. Inc., Harry
7016 Euclid Ave. (3)
Phone: UT 1-5757
614. Flexible Tubing Corp.
815 Superior Ave. (14)
Phone: CH 1-4835
615. Form-A-Tool Inc.
8610 Madison Ave.
Phone: WO 1-0516
616. Fraser Tool Supply Co. Inc.,
T. J.
13413 Euclid Ave. (12)
Phone: LI 1-0408
617. Fuller Merriam Co.
P. O. Box 2003
Phone: SU 1-4322
618. Fulton Foundry & Machine
Co. Inc.
Morgan Ave., at E. 75th
St. (27)
Phone: MI 1-4400
619. Gahr Machine Co.
19199 St. Clair Ave.
Phone: KE 1-0053
620. Gamble, H. Q.
Cleveland Hopkins Air-
port
Bldg. 9-21 (35)
Phone: WI 1-7754
621. Garco Machinery Co.
21000 St. Clair Ave. (17)
Phone: KE 1-9120

SALES OFFICES

OHIO

CLEVELAND (cont.)

- 622. Gardner-Denver Co.
3088 W. 117th St. (11)
Phone: WI 1-1340
- 623. Gardner Machine Co.
Room 620-622 Penton Bldg.
1213 W. 3rd St. (13)
Phone: SU 1-2088 & 1-2089
- 624. Garlock Packing Co., The
1276 W. 3rd St. (13)
Phone: MA 1-3654
- 625. Garrett Co. Inc., George K.
2000 Lee Rd. (18)
Phone: FA 1-5710
- 626. Gates Co., The A. J.
1256 E. 12th St. (14)
Phone: CH 1-1164
- 627. General Controls Co.
4317 Chester Ave. (3)
Phone: EX 1-0555
- 628. General Electric Co.
4966 Woodland Ave. (4)
- 629. General Supply Co.
15583 Brookpark Ave. (3)
Phone: CL 2-4770
- 630. Geometric-Horton
13009 Triskett Rd. (11)
Phone: CL 1-5235
- 631. Gilles Machinery Co.
413 Caxton Bldg.
812 Huron Rd. (15)
Phone: FR 1-6900 & 1
- 632. Gisholt Machine Co.
14812 Detroit Ave. (7)
Phone: LA 1-5442
- 633. Gluntz Brass & Aluminum Foundry Co., The
10905 Harvard Ave. (5)
Phone: MI 1-3575
- 634. Golden & McCoy Machinery Co.
4900 Euclid Bldg. (3)
Phone: HE 1-3748
- 635. Gordon Co., Claud S.
2035 Hamilton Ave. (14)
- 636. Gray Equip. Co. of Ohio
14820 Detroit Ave.
Phone: LA 1-9422
- 637. Gray Industrial Supply Inc.
1134 St. Clair Ave. (14)
Phone: PR 1-6297
- 638. Gray Tool & Supply
1134 St. Clair Ave., NE.
Phone: PR 1-6297
- 639. Graybar Electric Co. Inc.
1100 E. 55th St. (1)
P. O. Box 6686
- 640. Great Lakes Supply
4115 E. 116th St. (5)
Phone: MI 1-4100
- 641. Great Lakes Tool Supply Inc.
3782 Ridge Rd.
Phone: WO 1-5150
- 642. Great Lakes Tool Supply Inc.
12703 Triskett Rd. (11)
Phone: CL 2-0766
- 643. Greenfield Tap & Die Corp.
13000 Triskett Rd. (11)
Phone: CL 1-5235
- 644. Greenwald Co., J. A.
11614 Madison Ave. (2)
Phone: LA 1-5394
- 645. Grof Mfg. Co.
703 Citizens Bldg.
8905 Lake Ave. (2)
Phone: OL 1-7077
- 647. Grubbs Co., C. B.
13789 Cedar Rd. (13)
- 648. Hackett-Ohio Co.
11626 Clifton Blvd. (2)
Phone: ME 1-6540
- 649. Haines Tool Co.
6536 Carnegie Ave. (3)
Phone: HE 1-9775
- 650. Handling Supply Co., The
9127 Way Ave. (5)
Phone: VU 3-8215
- 651. Handy & Harman
4402 W. 215th St. (26)
Phone: ED 3-2166
- 652. Harnischfeger Corp.
815 Superior Ave., NE.
(14)
Phone: CH 1-1793
- 653. Harshaw Scientific Co.
1945 E. 97th St.
1913 Prince Ave. (5)
Phone: DI 1-8866
- 655. Haynes Stellite Co.
1300 Lakeside Ave. (14)
Phone: MA 1-4294
- 656. Heald Machine Co., The
3669 Lee Rd. (20)
Phone: WY 1-6300
- 657. Henger-Fairfield Co.
1812 Columbus Rd. (13)
Phone: CH 1-1018
- 658. Heppenstall Co.
502 Terminal Tower (13)
Phone: CH 1-5260
- 659. Herrick Co., C. B.
2000 Center St. (13)
Phone: CH 1-6185
- 660. Hevi-Duty Electric Co.
14900 Detroit Ave.
Phone: AC 1-0333
- 661. Hewitt-Robins
314 Superior Ave., NE.
(14)
Phone: SU 1-8620
- 662. Hicarb Corp.
1055 E. 260th St. (32)
Phone: AN 1-0200
- 663. Hill-Acme Co.
1201 W. 65th St.
Phone: OL 1-2400
- 664. Hinz Co., J. H.
308 Rockefeller Bldg. (13)
Phone: CH 1-0073
- 665. Hird & Son
19630 Detroit Rd.
P. O. Box 2855
Phone: LA 1-7272
- 666. Hirsch Co., The Sidney L.
6020 Euclid Ave. (3)
Phone: EX 1-8811
- 667. Hi-Speed Tool & Supply Co.
6607 Carnegie Ave. (3)
Phone: EX 1-6889
- 668. Hodel Chain Co., The
3924 Cooper Ave. (3)
Phone: EN 1-2650
- 669. Hodson Machinery Co., L. W.
25000 Euclid Ave. (17)
Phone: AN 1-1500
- 670. Holden Engrg. Co.
2108 Payne Ave. (14)
Phone: CH 1-0573
- 671. Hooper Transmission Equip. Co., The
209 Heights Rockefeller Bldg. (18)
3109 Mayfield Rd.
Phone: YE 2-5488
- 672. Houghton & Co., E. F.
The Avenue Bldg.
4500 Euclid Ave. (3)
Phone: EN 1-3567
- 673. Hyper Tool Co.
3091 Mayfield, Room 214
Heights Rockefeller Bldg. (18)
Phone: YE 2-0408
- 674. I-T-E
11800 Shaker Blvd. (20)
Phone: SK 2-4330
- 675. Ideal Industries Inc.
1105 Chester Ave. (14)
Room 300
Phone: SU 1-5941, 1-4244
- 676. Ind. Steel Products
257 Leader Bldg. (14)
Phone: CH 1-4163
- 677. Industrial Distributors Inc.
3136 W. 25th St. (9)
Phone: SH 9-0900
- 678. Industrial Products Sales Inc.
20001 W. Lake Rd. (16)
Phone: ED 1-6888
- 679. Industrial Service Inc.
1437 W. 25th St. (13)
Phone: SU 1-3553
- 680. Industrial Tool & Supply Co.
20455 Lorain Ave. (26)
- 681. Ingersoll-Rand Co.
4506 Chester Ave. (3)
Phone: EX 1-9889

CLEVELAND (cont.)

- 682. J&L
Union Commerce Bldg.
(14)
- 683. Jaeger, Henry P.
1990 Ford Dr. (6)
Phone: GA 1-3500
- 684. Janssen, Frank B.
6007 Euclid Ave. (3)
Phone: HE 1-0787
- 685. Jarvis Corp.
1321 Main Ave. (13)
Phone: SU 1-6348
- 686. Jay Instrument & Specialty Co.
11510 Madison Ave. (2)
Phone: AC 1-4940
- 687. Jeffrey & Son Machinery
21000 St. Clair Ave. (17)
Phone: KE 1-8823
- 688. Jeffery, John S.
22700 Shore Center Dr. (23)
Phone: RE 1-2121
- 689. Jenks Machinery Co.
12417 Cedar Rd. (6)
Phone: ER 1-3408
- 690. Jergens Tool Specialty Co.
712 E. 163rd St. (10)
Phone: IV 6-2100
- 691. Jervis-Webb Co.
734 Standard Bldg. (13)
Phone: CH 1-5263
- 692. Jessop Steel Co.
1501 Euclid Ave. (15)
Phone: MA 1-4197
- 693. Johns, Edgar F.
13005 Littleton Rd. (25)
Phone: MO 2-4434
- 694. Johns-Manville Sales Corp.
3101 Euclid Bldg. (15)
- 695. Alfred F. Johnson Co.
14820 Detroit Ave. (7)
Phone: LA 1-3650
- 696. Johnson Bronze Co.
6208 Euclid Ave. (3)
Phone: EN 1-1210
- 697. Johnson Co., Lester
3909 E. 123rd St. (5)
- 698. Johnson & Son Inc., S. C.
13619 Enterprise Ave. (35)
Phone: CL 2-5300
- 699. Jones & Lamson Machine Co.
Room 105
25000 Euclid Ave. (17)
Phone: RE 2-7070
- 700. Jones & Laughlin Steel Corp.
The B. F. Keith Bldg.
1621 Euclid Ave. (15)
Phone: MA 1-2145
- 701. Jubell Assoc.
P. O. Box 762
3407 Warrensville Center Rd. (22)
Phone: WA 1-1490
- 702. Kaiser Aluminum & Chemical Sales Inc.
55 Public Square (13)
Phone: SU 1-3600
- 703. Karlson Co., K. E.
3537 Lee Rd. (20)
Phone: WA 1-3875
- 704. Karoly, Otto
Hotel Alcazar
Phone: FA 1-7831
- 705. Kay Co., W. H.
4040 Mayfield Rd. (21)
Phone: EV 1-3440 & 1-3441
- 706. Kearney & Trecker Corp.
Room 2136-B. F. Keith Bldg.
Euclid Ave. & E. 17th St. (15)
Phone: PR 1-3600
- 707. Kebe & Co., A. M.
2000 Warrensville Center Rd. (21)
Phone: EV 2-4455
- 708. Kemp, J. H.
4080 Park Fulton Oval (9)
Phone: ON 1-3267
- 709. Kerr & Assoc. Inc., C. L.
21870 St. Clair Ave. (17)
Phone: AN 1-1840
- 710. Kiel, Edward
3134 Euclid Ave. (15)
- 711. Kimball Co., The
2170 E. 18th St. (15)
- 712. Kindt-Collins Co., The
12651 Elmwood Ave. (11)
- 713. King Instrument Co.
5771 Ridge Rd. (29)
P. O. Box 7283
Phone: TU 4-3450
- 714. Kinsner Supply Co.
1588 E. 40th St. (3)
- 715. Kline & Assoc., P. M.
2036 E. 22nd St. (15)
Phone: CH 1-1171
- 716. Kramer, Fred
20608 Stanford Ave. (26)
Phone: ED 3-2235
- 717. Kress Co., Robert W.
21055 Lorain Ave. (26)
Phone: ED 1-6460
- 718. L. & C. Inc.
5685 Pearl Rd. (29)
Phone: TU 4-9600
- 719. Lakeside Machinery Co.
1311 St. Clair Ave. (14)
Phone: SU 1-4400
- 720. Lakewood Tool & Supply Co.
14909 Lakeland Ave.
Phone: AC 1-4820
- 721. Lamson & Sessions Co., The
5000 Tiedeman Rd. (9)
Phone: CL 2-3700
- 722. Landis Machine Co.
1950 Lee Rd. (18)
Phone: YE 2-6094
- 723. Landis Tool Co.
Room 620-622 Penton Bldg.
1213 W. 3rd St. (13)
Phone: SU 1-0622 & 1-0623
- 724. Lauter, E. H.
1935 Euclid Ave.
Phone: CH 1-6188
- 725. Lax Industrial Products Inc.
4228 Lee Rd. (28)
Phone: WY 1-7700
- 726. Lessor Inc.
1231 Main Ave. (15)
Phone: MA 1-0087
- 727. Leeds & Northrup Co.
1922 E. 107th St. (6)
Phone: SW 1-5100
- 728. Lees-Bradford Co.
12120 Elmwood Ave. (11)
Phone: OH 1-2200
- 729. Leff Electric Co., The H.
2101 Payne Ave. (14)
Phone: TO 1-7400
- 730. Leland-Gifford Co.
P. O. Box 853 (22)
Phone: WY 1-2010
- 731. Le Roi Div.
4796 W. 35th St. (9)
Phone: SH 9-1353
- 732. Levis Co., M. L.
4394 W. 214th St. (26)
Fairview Park
Phone: ED 1-5352
- 733. Lewis Sales Co., W.
1303 Hayden Ave.
Phone: MU 1-6600
- 734. Lincoln-American Cleaning Equip. Co.
2032 W. Schaaf Rd. (9)
Phone: SH 9-0262
- 735. Lincoln Electric Co., The
22801 St. Clair Ave. (17)
Phone: IV 1-8100
- 736. Lincoln Electric Railway Sales Co., The
1202 Marshall Bldg. (13)
Phone: SU 1-7071
- 737. Lindberg Engrg. Co.
1414 Victoria Ave. (7)
P. O. Box 2651
Phone: AC 1-5576
- 738. Linde Co.
1300 Lakeside Ave. (14)
Phone: MA 1-4302
- 739. Lloyd Gage & Tool Co.
7106 Euclid Ave.
Phone: EN 1-5709
- 740. Logan Co.
4500 Euclid Ave. (3)
Phone: EN 1-2890
- 741. Long, Roger M.
5250 Wilson Mills Rd. (24)
Phone: HI 2-5600

CLEVELAND (cont.)

742. Lusco Power Equip. Co.
23515 Westchester Dr. (26)
Phone: RE 4-1912
743. Mac-It Parts Co.
4900 W. 227th St. (26)
Phone: RE 4-0365
744. Mackan, A. J.
1422 Euclid Ave.
Hanna Bldg.
Phone: PR 1-2175
745. Maddex, Jr., W. B.
1010 Euclid Bldg. (15)
Phone: PR 1-2020
746. Magnaflex Corp.
3317 Prospect Ave. (15)
Phone: HE 2-0727
747. Mallory Battery Co.
13000 Athens Ave.
Phone: AC 6-0030
748. Manning, Maxwell & Moore
14812 Detroit Ave. (7)
Phone: AC 6-5656
749. Manufacturers Sales Co. of Ohio
3211 W. 117th St. (11)
Phone: CL 2-0633
750. Manufacturers Supply Co.
2640 Carnegie Ave. (15)
Phone: MA 1-0570
751. Marathon Electric Mfg. Corp.
1110 Brookpark Rd. (9)
Phone: SH 9-4667
752. Martin-Rockwell Corp.
1836 Euclid Ave. (15)
Phone: MA 1-6417
753. Martin Co., S. B.
17305 Miles Ave. (28)
Phone: LO 1-5365
754. Martin & Durbin Inc.
1277 E. 12th St. (14)
Phone: SU 1-1112
755. Martin-Rettger Inc.
11955 Shaker Blvd. (20)
Phone: SW 1-8787
756. Maurey Mfg. Corp.
3200 Lakeside Ave. (14)
Phone: MA 1-2242
757. Mau-Sherwood Supply Co.
800 Lime Rd. (13)
Phone: TO 1-4500
758. McClelland Co., W. B.
3119 Chadbourne Rd. (20)
Phone: WY 1-1333
759. McCreery & Son, H. L.
3567 E. 49th St. (5)
Phone: BR 1-1100
760. McKesson & Robbins Inc., Chemical Div.
4500 Euclid Ave. (3)
Phone: HE 1-9890
761. McIntyre, J. W.
11200 Madison Ave. (2)
Phone: AC 1-4560
762. McQuown Co., Robert M.
21877 Euclid Ave. (17)
Phone: KE 1-3400
763. Meier Transmission Co.
4415 Perkins Ave.
Phone: UT 1-0444
764. Merit Machinery Inc.
760 Hippodrome Bldg. (15)
765. Methods Machinery Co.
2000 Lee Rd. Bldg. (18)
Phone: YE 2-8985
766. Meyers Tool Service
15601 St. Clair Ave. (10)
Phone: TU 6-0330
767. Micromatic Hone Corp.
21139 Lorain Rd. (26)
Phone: ED 1-7972
768. Micro-Path Inc.
21877 Euclid Ave. (17)
Phone: KE 1-4939
769. Microseal Sales Co.
3305 Croton Ave. (15)
770. Micro Switch
1900 Superior Ave. (14)
Phone: PR 1-0820
771. Mid-West Abrasive Co.
24230 Miles Rd. (28)
Phone: GR 5-1282
772. Miller Co., George D.
3204 St. Clair Ave. (14)
Phone: MA 1-1667
773. Miller Fluid Power Div.
12703 Triskett Rd.
Phone: CL 2-3131
774. Millers Falls Co.
2142 Payne Ave. (14)
775. Milligan & Fouts Co.
4614 Prospect Ave. (3)
Phone: EN 1-2423
776. Milne & Co. Inc., A.
1110 Avon Ave. (5)
Phone: BR 1-3035
777. Minn. Mining & Mfg. Co.
12200 Brookpark Rd. (30)
Phone: CL 2-4390
778. Mobil Oil Co.
1422 Euclid Ave. (15)
Phone: MA 1-8484
779. Mock, Don
316 E. 255th St. (32)
Phone: RE 1-0171
780. Monarch Machine Tool Co., The
3091 Mayfield Rd. (18)
Phone: FA 1-3500
781. Moore Industrial Sales Co.
7016 Euclid Ave. (3)
Phone: HE 1-5712
782. Moore Products Co.
25000 Euclid Ave. (17)
Phone: AN 1-2250
783. Morgan, David
21877 Euclid Ave. (17)
784. Morris Co., S. G.
7829 Euclid Ave. (3)
Phone: HE 1-7788
785. Morse Chain Co.
12703 Triskett Rd. (11)
Phone: CL 1-4664
786. Motch & Merryweather Machinery Co., The
1250 E. 22nd St. (17)
Phone: IV 6-3600
787. Moulton & Heller
3109 Mayfield Rd. (19)
Phone: YE 2-6360
788. Mueller Brass Co.
2335 E. 22nd St. (15)
Phone: CH 1-8925-6-7
789. Murphy, Maynard J.
3364 Rocky River Dr. (11)
Phone: ED 1-1010
790. Myers Tool Service Inc.
15601 St. Clair Ave. (10)
Phone: LI 1-7121
791. National Refining Co.
Standard Bldg. (1)
Phone: PR 1-3400
792. National Screw & Mfg. Co., The
2440 E. 75th St. (4)
Phone: EN 1-2650
793. Nelson Stud Welding
2012 E. 46th St. (3)
Phone: EN 1-2019
794. New Departure Div. GMC
Room 103, Center W. Bldg.
20950 Center Ridge Rd. (16)
Phone: ED 1-3525
795. Newell, III, John
301 Center Bldg.
20475 Farnsleigh Rd., SE. (22)
796. N. J. Zinc Co., The
1007 National City Bank Bldg. (14)
797. Newton Co., Robt. H.
13125 Shaker Square
798. Niagara Machine & Tool Works
6333 York Rd. (30)
Phone: TU 6-0330
799. Norma-Hoffmann Bearings Corp.
20575 Center Ridge Rd. (16)
Phone: ED 3-0683
800. North Amer. Viking Drill Co.
17118 St. Clair Ave. (10)
Phone: IV 6-4818
801. Norton Co.
1306 E. 55th St. (3)
Phone: HE 1-9500
802. Novak Co., Joseph N.
21085 S. Park Dr. (26)
Phone: ED 1-7606
803. O G Sales & Service
8200 Dartworth Dr. (29)
Phone: TU 4-3992
804. Oakite Products Inc.
1104 Citizens Bldg.
850 Euclid Ave. (14)
Phone: CH 1-0672

CLEVELAND (cont.)

805. Ohio Fluid Power Co.
4318 Archwood Ave. (9)
Phone: SH 9-4312
806. Ohio Forge & Machine Corp.
3010 Woodhill Rd. (4)
Phone: GA 1-5200
807. Ohio Seamless Tube
3733 Lee Rd. (20)
Phone: WY 1-4200
808. Ohio Solvents & Chemicals Co.
3470 W. 140th St. (11)
809. Oilgear Co., The
3109 Mayfield Rd. (18)
Phone: FA 1-7878
810. Oliver-Ingalls Inc.
1857 E. 17th St. (14)
Phone: MA 1-8796
811. Olsen Co., John O.
16201 Shaker Blvd. (20)
Phone: SK 2-5444
812. O'Neill & Co., Vaughn
5045 Harper Rd. (39)
Phone: CH 8-1909
813. Orban Co. Inc., Kurt Marion Bldg.
1276 W. 3rd St. (13)
Phone: PR 1-5485
814. Osborn Mfg. Co., The
5401 Hamilton Ave. (14)
Phone: EN 1-1900
815. Outterson Co., Gil
15104 Detroit Ave.
Phone: AC 1-8666
816. Palmer Bearing Co.
4201 Euclid Ave. (3)
817. Pangborn Corp.
9802 Euclid Ave. (6)
Phone: SW 1-2770
818. Pannier Corp., The
402 Ten-Ten Euclid Bldg. (15)
Phone: PR 1-6574
819. Paquin Co.
13405 St. Clair Ave. (10)
Phone: UL 1-4100
820. Parker-Hannifin Industrial Sales Office
17325 Euclid Ave. (12)
Phone: KE 1-3000
821. Parks Machinery Co.
4040 Mayfield Rd. (21)
Phone: EV 2-3066
822. Pattison Supply Co., The W. M.
777 Rockwell Ave. (14)
Phone: MA 1-7320
823. Peninsular Grinding Wheel Co.
2325 St. Clair Ave. (14)
Phone: SU 1-8266-7
824. Petrie, J. A.
5767 Mayfield Ave. (24)
P. O. Box 4537
Phone: HI 2-5530
825. Pfeil Inc., Elmer W.
624 Engineers Bldg. (14)
Phone: MA 1-0560
826. Pierce Co., George F.
623 Penton Bldg. (13)
Phone: CH 1-3520
827. Platers Supply Co.
2059 Hamilton Ave. (14)
Phone: TO 1-6670
828. Pneu-Hydraulics Inc.
4330 Ridge Rd. (9)
Phone: 9-5400
829. Pneumatic Power Equip. Corp.
2012 W. 25th St. (13)
Phone: SU 1-9823
830. Porter-Cable Machine Co.,
1465 St. Clair Ave.
Phone: SU 1-1320
831. Porter, E. Douglas
P. O. Box 3012 (17)
Phone: IV 1-4800
832. Powers Equip. Co., S. L.
3091 Mayfield Rd. (18)
833. Pratt & Whitney Co. Inc.
13801 Enterprise Ave. (35)
Phone: OR 1-7216
834. Precision Grinding Wheel Co. Inc.
14812 Detroit Ave. (7)
Phone: AC 1-2670

OHIO

835. Precision Rubber Products Corp.
22700 Shore Center Ave. (23)
Phone: RE 1-4160
836. Proctor Co. Inc., Stanley M.
1900 Euclid Ave. (15)
Phone: PR 1-0350
837. Product Handling Equip. Co.
1468 W. 9th St. (13)
Phone: SU 1-4984
838. Production-Equip. Sales Inc.
10526 Wilbur Ave. (6)
839. Production Heating Equip. Co.
13231 Euclid Ave. (12)
Phone: PO 1-3733
840. Production Service Co.
10003 Memphis Ave. (9)
Phone: OR 1-2550
841. Production Tool Co.
2479 Lee Blvd. at Mayfield (18)
Phone: YE 2-1881
842. Product Corp., The
13620 Enterprise Ave. (35)
Phone: CL 2-1535
843. Progressive Welder Sales Co.
3441 Lee Rd., Shaker Heights (20)
Phone: SK 1-1771
844. Rapistan of Cleveland Inc.
1366 E. 45th St. (3)
Phone: EX 1-6620
845. Reed-Prentice Div.
17799 Lorain (11)
Phone: OR 1-0407
846. Reel Rolled Thread Die Co.
4500 Euclid Ave. (3)
Phone: UT 1-0751
847. Reichhold Chemicals Inc.
1901 Terminal Tower Bldg. (13)
Phone: PR 1-7399
848. Reineck & Sons, Carl H.
17138 Lorain Ave. (11)
Phone: CL 1-8535
849. Reliance Electric & Engrg. Co.
13967 Cedar Rd.
Phone: FA 1-7880
850. Remington Arms Co. Inc.
5788 Ridge Rd.
Phone: TU 6-2666
851. Renton & Co., R. W.
877 Addison Rd. (3)
Phone: EX 1-3470
852. Republic Steel Corp.
902 Republic Bldg. (1)
Phone: PR 1-1400
853. Reserve Industrial Supply Co.
16521 Euclid Ave. (12)
Phone: KE 1-8835
854. Revere Copper & Brass Inc.
P. O. Box 2656, Lakewood Branch
14700 Detroit Ave. (7)
Phone: LA 1-2440
855. Reynolds Co., Hal W.
2902 Euclid Ave. (15)
Phone: CH 1-7036
856. Reynolds Machinery Co.
3107 Carnegie Ave.
Phone: EN 1-3745
857. Reynolds Metals Co.
5626 Euclid Ave.
Phone: UT 1-8070
858. Rice, David Y.
19560 Center Ridge Rd. (16)
Phone: ED 3-2233
859. Richard, L. O.
255 Hippodrome Annex Bldg. (15)
Phone: SU 1-5135
860. Richards, E. B.
12417 Cedar Rd. (6)
Phone: FA 1-2920
861. Riffle & Son Sales
11800 Brookpark Rd. (30)
Phone: CL 2-6826
862. Ripley, Bowron & Church
3537 Lee Rd. (20)
Phone: SK 1-1223

SALES OFFICES

OHIO

CLEVELAND (cont.)

- 853. Riverside Tool Co.
19 N. Franklin St.
Phone: CH 7-7361
- 864. Robbins & Myers Inc.
3030 Euclid Ave. (15)
Phone: EN 1-5510
- 865. Robboy Electric Mfg. Co.
5900 Euclid Ave. (3)
Phone: EN 1-5160
- 866. Rogers Co., B. W.
1279 E. 12th St. (14)
Phone: SU 1-2530
- 867. Rotary Lift Co.
Towne & Country Bldg.
6185 Pearl Rd. (30)
Phone: TU 6-0030
- 868. Ruby, C. A.
14700 Detroit Ave. (7)
P. O. Box 2613
Phone: AC 6-4788
- 869. Ryerson & Son Inc., J. T.
5300 Lakeside Ave. (1)
Box 8298
Phone: HE 3-1411
- 870. Ryman's Sons, Frank
960 Leader Bldg.
326 Superior
Phone: CH 1-1437
- 871. SKF Industries Inc.
13426 Cedar Rd. (18)
Phone: YE 3-1340
- 872. Safety Clothing & Equip. Co.
1990 E. 69th St. (3)
- 873. Sandvik Steel Inc.
8650 Brookpark Rd. (29)
Phone: ON 1-3205
- 874. Sayle, D. B.
The Agents Bldg.
3537 Lee Rd. (20)
Phone: LO 1-8440
- 875. Schmidt Inc., Geo. T.
10017 Lake Ave. (2)
Phone: AC 1-9020
- 876. Schubert, Don
Box 2630 (7)
- 877. Schumacker, Geo. P.
1120 Chester Ave. (14)
Phone: PR 1-7424
- 878. Schuster Co., Carl T.
3540 Norton Rd. (11)
- 879. Schwartz, Edward C.
1254 French Ave.
Phone: AC 6-8166
- 880. Scelaky Bros. Inc.
431 Bulkley Bldg. (15)
Phone: PR 1-0060
- 881. Scott & Steffen
1836 Euclid Ave. (15)
Phone: TO 1-2626
- 882. Scott-Tarbell Inc.
2261 E. 14th St. (16)
Phone: PR 1-0031
- 883. Scurlock, James L.
11200 Madison Ave. (2)
Phone: AC 1-4560
- 884. Sealander & Co., C. G.
580 E. 200th St. (19)
Phone: IV 6-5555
- 885. Seaway International
P. O. Box 65 (21)
Phone: EV 1-9377
- 886. Seegert, John F.
1249 Brainard Rd. (24)
- 887. Selas Corp. of Amer.
1825 Lee Rd. (18)
Phone: FA 1-6800
- 888. Servisales Co.
Room 15, Heights Centre
Bldg.
12417 Cedar Rd. (6)
Phone: EN 1-0054
- 889. Sharp Co., The Fred R.
2138 Lee Rd.
Phone: FA 1-4200
- 890. Sheffield Cleveland Corp.
1000 Brookpark Rd. (9)
Phone: ON 1-8070
- 891. Shell Chemical Co.
20575 Center Ridge Rd.
(18)
Phone: ED 3-1400
- 892. Shields Equip. Co.
13409 Lakewood Heights
Bldg. (7)
Phone: OR 1-3240
- 893. Shomer Co., J. A.
4951 W. 112th St. (2)
Phone: AC 1-4157
- 894. Sims Co., V. E.
8905 Lake Ave. (2)
Phone: OL 1-6107
- 895. Skidmore-Wilhelm Mfg. Co.
442 Green Rd. (21)
- 896. SKIL Corp.
3030 Payne Ave. (14)
Phone: MA 1-8136
- 897. Smit & Co. Inc., Anton
18711 St. Clair Ave.
Phone: IV 6-0282
- 898. Snyder Assoc., A. O.
21755 Brookway Dr.
Phone: RE 4-1332
- 899. Spangle Supply Co.
1424 E. 25th St. (14)
Phone: SU 1-3066
- 900. Spaulding Fibre Co. Inc.
3494 Lee Rd. (20)
Phone: WA 1-3141
- 901. Special Tool & Supply
12205 Euclid Ave. (6)
Phone: SW 1-7750
- 902. Spencer Co., Frank A.
1220 Huron Rd.
Phone: SU 1-2121
- 903. Stahl Sales Inc.
2540 N. Moreland Blvd.
(12)
P. O. Box 2406
Phone: CE 1-6017
- 904. Stamets Co., William K.
410 Leader Bldg. (14)
Phone: MA 1-5124
- 905. Standard Gage Co. Inc.
5361 Pearl Rd., Room #7
(29)
Phone: SH 1-2525
- 906. Stanley Supply Co.
5208 Sweeney Ave. (27)
Phone: BR 1-1733
- 907. Steam Specialty Sales
19320 S. Sagamore Dr. (26)
Phone: ED 1-4847
- 908. Steel & Wire Machinery Co.
15457 Euclid Ave. (12)
Phone: MU 1-7151
- 909. Sterling Die Div.
13811 Enterprise Ave. (35)
Phone: CL 2-3550
- 910. Sterling Electric Motors Inc.
22480 Shore Center Dr.
(23)
Phone: AN 1-1770
- 911. Sterling Grinding Wheel Co.
2233 St. Clair Ave. (14)
Phone: PR 1-2311
- 912. Stevenson Oil & Chemical Co.
Phone: WH 3-3338
- 913. Stokes Corp., F. J.
2036 E. 22nd St. (15)
Phone: SU 1-7120
- 914. Strange & Sanford Co.
14820 Detroit Ave. (7)
Phone: AC 1-4014
- 915. Strong, Carlisle & Hammond Div.
White Sewing Machine Corp.
1392-94 W. 3rd St. (13)
Phone: TO 1-8900
- 916. Struck, Arthur H.
19615 W. Lake Rd. (16)
Phone: ED 1-3110
- 917. Stuart Oil Co. Ltd., D. A.
1730 Train Ave. (13)
Phone: PR 1-7411
- 918. Sun Oil Co.
3200 Independence Rd.
(5)
Phone: VU 3-6100
- 919. Sundstrand Machine Tool
2000 Warrensville Center Rd. (21)
Phone: EV 2-4477
- 920. Superior Cleveland Inc.
17570 Lake Shore Blvd.
(19)
- 921. Sup-R-Die Inc.
2123 Hamilton Ave. (14)
Phone: SU 1-3710
- 922. Surface Combustion
212 Heights-Rockefeller
Bldg. (19)
Phone: FA 1-5844

CLEVELAND (cont.)

- 923. Syntrol Cleveland Sales Co.
17403 Harvard Ave. (28)
Phone: SK 1-1225
- 924. T. I. Equip. Inc.
15017 Detroit Ave. (7)
Phone: AC 6-1970
- 925. Taylor Elevator Service Co.
2011 St. Clair Ave. (14)
- 926. Telco Inc.
4030 Superior Ave. (3)
Phone: EN 1-8200
- 927. Terminal Supply Co.
1860 Illuminating Bldg.
55 Public Square (13)
- 928. Tesch, Richard W.
111 Penderly Ave. (15)
Wyoming
Phone: PO 1-1133
- 929. Therm-O-His
17011 St. Clair Ave. (10)
Phone: IV 6-2550
- 930. Thomas, A. G.
6812 E. Pleasant Valley
Rd. (9)
- 931. Thor Power Tool Co.
4200 Brookpark Rd. (34)
Phone: SH 9-4500
- 932. Threadwell Tap & Die Co.
1000 Brookpark Rd. (9)
Phone: SH 9-3466
- 933. Timken Roller Bearing Co., The
3605 Lee Rd. - Shaker
Heights (20)
Phone: WY 1-6100
- 934. Tomlinson Steam Specialty Co.
1599 St. Clair (14)
Phone: PR 1-4108
- 935. Tool Crib Inc., The
601 E. 117th St.
P. O. Box 2165, Station
"H"
Phone: PO 1-0137
- 936. Tooling Sales Assoc.
2138 Lee Rd. (18)
Phone: YE 3-3852
- 937. Tool Specialists Inc.
3578 Fulton Rd. (9)
Phone: SH 1-1648
- 938. Townner Co., V. L.
4511 Brookpark Rd. (34)
Phone: ON 1-1900
- 939. Townsend Co.
322 Suburban W. Bldg.
20900 Center Ridge Rd.
(16)
Phone: ED 3-2044
- 940. Tramer Co., The Gilbert
1217 Main Ave. (13)
Phone: PR 1-2751
- 941. Trans-Lift Handling Equip. Inc.
15601 St. Clair (10)
- 942. Tri-State Machinery Inc.
Plymouth Bldg.
2036 E. 22nd St. (15)
Phone: MA 1-8062
- 943. Trottier, Robert
17570 Lakeshore Blvd. (19)
- 944. Tubular Rivet & Stud Co.
21877 Euclid Ave., Room
102 (17)
Phone: IV 6-5205
- 945. Tummonds, C. A.
1410 Chardon Rd. (17)
- 946. Twin Disc Clutch Co.
20900 Center Ridge Rd.,
Room 215 (16)
Phone: ED 3-6155
- 947. Tyler Co., W. S.
3615 Superior Ave. (14)
- 948. Uddeholm Co. of Amer. Inc.
4540 E. 71st St. (5)
Phone: DI 1-1110
- 949. The Udyllite Corp.
4408 Carnegie Ave. (3)
Phone: HE 1-7969
- 950. Union Carbide Plastics Co.
1300 Lakeside Ave., NE.
(14)
Phone: MA 1-4202
- 951. U. S. Carbide Tool Sales
5633 Breckville Rd. (31)
Phone: LA 4-2966
- 952. U. S. Gauge Div.
1010 Euclid Bldg. (15)
Phone: TO 1-0612
- 953. U. S. Steel Corp.
620 Leader Bldg.
526 Superior Ave. (14)
- 954. Universal-Cyclops Steel Corp.
5708 Schaaf Rd. (31)
Phone: LA 4-4444
- 955. Universal Tool Co.
17925 Euclid Ave. (12)
Phone: IV 1-7373
- 956. Ursem Co., F. & W.
1548 W. 117th St. (7)
Phone: LA 1-8136
- 957. Vanadium-Alloys Steel Co.
2121 St. Clair Ave. (14)
Phone: PR 1-0246
- 958. Veeder-Root Inc.
Room 15
12417 Cedar Rd. (6)
Phone: ER 1-3344
- 959. Verson Allsteel Press Co.
5330 State Rd. (34)
P. O. Box 8498
Phone: SH 1-3373
- 960. Vickers Inc.
2857 Noble Rd. (21)
Phone: EV 2-3366
- 961. Viking Pump Co.
310 Marshall Bldg. (13)
- 962. Waldrup Co., L. H.
3030 Euclid Ave. (15)
Phone: EX 1-4242
- 963. Wales Stripit Inc.
14011 Castalia Ave. (10)
Phone: GL 1-1882
- 964. Walker & Seed Tool & Engrg. Co.
14641 Lorain Ave. (11)
Phone: OR 1-4244
- 965. Walsh, E. C.
2195 S. Green Rd. (21)
Phone: EV 1-9610
- 966. Walsh, J. E.
4973 Horizon Dr. (24)
Richmond Heights
Phone: AN 1-0540
- 967. Ward-Jaynes Equip. Co.
2800 E. 53th St. (4)
14910 Harvard Ave.
- 968. Wardrobe Co., T. E.
P. O. Box 7002 (28)
Phone: WA 1-6050
- 969. Ware & Assoc., Robert L.
131 E. 211th St. (23)
- 970. Warner & Swasey Co., The
5701 Carnegie Ave. (3)
Phone: HE 1-5580
- 971. Waterbury Farrel Foundry & Machine Co., The
3592 Lee Rd. (20)
Phone: WY 1-5140
- 972. Watson Power Equip. Co.
5603 Wilson Mills Rd. (24)
Phone: HI 2-5454
- 973. Welders Supply Inc., The
2020 Train Ave. (13)
- 974. Welker Welding Supply Co.
3400 Carnegie St.
Phone: EN 1-2533
- 975. West Chemical Products Inc.
3140-50 Berea Rd. (11)
- 976. Whalley Co., The George
4208 Prospect Ave. (3)
Phone: UT 1-7676
- 977. Whitaker Sales Inc.
1900 E. 30th St., Suite 113
(13)
Phone: MA 1-4844
- 978. Whitesell, H. W.
737 Guardian Bldg. (14)
- 979. White Sewing Machine Corp.
Strong, Carlisle & Ham-
mond Div.
11770 Berea Rd. (11)
Phone: CL 2-4005
- 980. White Tool & Supply Co., The
1235-1239 W. 8th St. (13)
Phone: MA 1-0235
- 981. Whitting Corp.
617 Pention Bldg.
1213 W. 2nd Ave. (13)
Phone: CH 1-0850
- 982. Whitney Machinery Co., J. C.
P. O. Box 7267
9051 Brookpark Rd. (29)
Phone: FL 1-3092

CLEVELAND (cont.)

983. Wickman Mfg. Co.
3134 Euclid Ave. (15)
Phone: EX 1-6620
984. Wiess, W. L.
8905 Lake Ave.
Phone: AT 1-8268
985. Williams & Co. Inc.
3700 Perkins Ave. (14)
Phone: UT 1-5000
986. Wilson Supply Co.
2441 Woodhill Rd. (4)
Phone: RA 1-4420
987. Wittliff, T. H.
22658 Maple Dr. (26)
Phone: RE 4-0740
988. Wolfendon Welding Supplies Inc.
3500 Prospect Ave. (15)
Phone: RE 4-0740
989. Wood-Compton Co.
3666 E. 116th St. (5)
Phone: SK 1-6122
990. Wood Equip. Co.
686 Union Commerce Bldg. (14)
Phone: MA 1-6353
991. Wood's Sons Co., T. B.
1370 W. 9th St. (13)
Phone: CH 1-3702
992. Worthington Co., George
802 St. Clair Ave. NW.
Phone: CH 1-1606
993. Wright & Assoc. Inc., George T.
P. O. Box 2950
19400 Frazier Dr. (16)
Phone: ED 1-8656
994. Wyatt Sales Corp.
1900 Euclid Ave. (15)
Phone: CH 1-6380
995. Wyburn, S. James
10304 Dale Ave. (11)
Phone: CL 2-4288
996. Wyckoff Steel Co.
615 B. F. Keith Bldg.
Euclid Ave. & E. 17th St. (15)
Phone: MA 1-5662
997. Yale & Towne Mfg. Co., The
3560 E. 93rd St. (5)
Phone: VU 3-6767
998. Zinck, Dale E.
12302 Kirby Ave. (8)
Phone: GL 1-5588
999. Zenith Engrg. Sale Co.
2034 Mayview Ave. (9)
Phone: ON 1-1742

CLEVELAND HEIGHTS

1000. Brenholts, G. W.
2328 Lamberton Rd. (18)
Phone: YE 2-3630
1001. Clstone & Assoc., R. D.
210 Heights-Rockefeller Bldg. (18)
Phone: FA 1-0999
1002. Clough Co., Joseph B.
12417 Cedar Rd. (6)
Phone: ER 1-3322
1003. Hazen, Harry L.
3066 Scarborough Rd. (18)
Phone: YE 2-3630
1004. Ingersoll Jr., George R.
3956 Orchard Rd. (21)
Phone: YE 2-6106
1005. Kebe & Co., A. M.
2909 Warrensville Center Rd. (21)
Phone: EV 2-4455
1006. McMillan, J. E.
982 Englewood Rd. (21)
Phone: EV 1-6714
1007. Ohio Knife Co., The
2000 Lee Rd. (18)
Phone: ER 1-5650
1008. Perfecting Service Co.
12417 Cedar Rd., Room 15 (8)
Phone: YE 2-6611
1009. Production Tool Co.
2479 Lee Blvd. at Mayfield (18)
Phone: YE 2-1881
1010. Snap-on Tools Corp.
2066 S. Taylor Rd. (18)
Phone: ER 1-3457
1011. Tower Engrg. Co.
2138 Lee Rd. (18)
Phone: ER 1-3457
1012. U. S. Gypsum Co.
2491 Lee Rd.
Phone: FA 1-4141

CLYDE

1013. Everhart, Richard
145 Vine St.
Phone: 7-7341

COLUMBUS

1014. Ajax Electric Salt Bath Furnaces
1720 Grace Lane (21)
Phone: AM 7-8260
1015. Albrecht, E. C.
2591 Bristol Rd. (21)
Upper Arlington
Phone: HU 6-6587
1016. Allis-Chalmers
1500 W. 3rd St. (12)
Phone: HU 6-2465
1017. Aluminum Co. of Amer.
40 S. 3rd St. Bldg. (15)
Phone: CA 4-5251
1018. Amer. Brass Co., The
395 E. Broad St. (15)
Phone: CA 1-5771
1019. Anderson Co. Inc., John B.
209 W. 5th Ave.
Phone: AX 9-9523
1020. Asplind, G. C.
209 S. High St. (15)
Phone: CA 4-4824
1021. Atlas Blue Print & Supply Co.
74 S. 4th St. (15)
Phone: CA 4-5149
1022. Bearing Inc.
175 Cleveland Ave. (15)
Phone: CA 1-7635
1023. Bellows-Valvair
101 N. High St. (15)
Phone: CA 1-9567
1024. Black & Decker
2584 N. High St. (15)
Phone: AM 8-1626
1025. Bethlehem Steel Co.
906 Huntington Bank Bldg.
17 S. High St. (15)
Phone: CA 1-7610
1026. Buckeye Industrial Supply Co.
1889 Livingston Ave. (9)
Phone: CL 3-7497
1027. Carrier Corp.
2025 Riverside Dr. (21)
Phone: HU 6-8281
1028. Central Ohio Equip. Co. Inc.
63 E. Goodale St. (8)
Phone: CA 1-5307
1029. Chicago Rawhide Mfg. Co.
1286 W. Lane St.
Phone: HU 8-3131
1030. Clark Controller Co., The
3783 N. High St. (14)
Phone: AM 2-9666
1031. Cleveland Tramrail Div.
629 Garrett Dr. (14)
Phone: AX 4-3739
1032. Cole Co., H.
82 N. High St.
Phone: CA 1-1345
1033. Col-Mer Co.
949 W. 3rd Ave. (8)
Phone: AX 4-4418
1034. Columbus Belting & Supply Co., The
197 E. Long St. (5)
Phone: CA 4-4291
1035. Columbus Hardware Supplies Inc.
54 E. Gay St. (15)
1036. Columbus Tool Grinding Co.
4332 Indianola Ave. (14)
Phone: AM 3-8873
1037. Crucible Steel Co.
81 E. State St. (15)
Phone: CA 4-6068
1038. Cutler-Hammer Inc.
2700 E. Main St. (9)
Phone: BE 1-6110
1039. Darwin & Milner Inc.
80 E. Swan St. (15)
Phone: CA 1-8914
1040. Dextr Chemical Industry Inc.
81 E. State St. (15)
Phone: CA 1-8685
1041. Eutectic Welding Alloys
1371 W. 3rd Ave. (12)
Phone: HU 8-1200

1042. Exact Weight Scale Co., The
538 E. Town St. (15)
Phone: CA 4-6187
1043. Fostoria Corp.
1966 Kentwell Rd. (21)
Phone: HU 8-5081
1044. General Controls Co.
1219 W. 3rd Ave. (12)
Phone: AX 4-4266
1045. General Electric Co.
395 E. Broad St. (15)
1046. Goodrich Industrial Products Co., B. F.
3770 Indianola Ave. (14)
1047. Gosiger Machinery Co., C. H.
3019 Palmetto (4)
1048. Hack & Son, Al
1744-46 W. 5th Ave.
Phone: HU 8-0679
1049. Handling Inc.
1275 S. Front St.
Phone: HI 3-4688
1050. Henger-Fairfield Co.
101 N. High St. (15)
Phone: CA 4-7510
1051. Hiss Stamp Co.
195 E. Long St. (15)
1052. Hobart Welder Sales & Service
674 N. High St., Rear
1053. Hodson Machinery Co., L. W.
2000 Kentwell Rd. (21)
Phone: CA 4-5400
1054. Houghton & Co., E. F.
P. O. Box 792 (16)
Phone: BE 5-9354
1055. Industrial Machinery Co.
357 Dublin Ave.
Phone: CA 4-3534
1056. Irish, Robert E.
3040 Janwood Dr. (13)
Phone: BE 1-1234
1057. J&L
3310 LeVeque Lincoln Tower (15)
1058. Jay Instrument & Specialty Co.
1820 Northwest Blvd. (12)
Phone: HU 8-0077
1059. Kinsey Co., The E. A.
1020 W. 5th Ave.
Phone: AX 1-4683
1060. Leeds & Northrup Co.
1465 Northwest Blvd. (12)
Phone: HU 6-7146
1061. Lincoln Electric Co., The
1221 Chesapeake Ave. (12)
Phone: HU 8-4431
1062. Ludlow Sales & Service
1763 S. High St. (7)
Phone: HI 3-7673
1063. M. H. Sales Co.
P. O. Box 344 (16)
Phone: AM 3-5084
1064. McKeever Electric Supply Co.
212 N. Grant Ave. (15)
Phone: CA 1-3168
1065. Meeks & Tuthill Saw Co.
301 Short St.
Phone: CA 1-3821
1066. Merrell-McKinney Supply Co.
2109 N. High St. (1)
P. O. Box 8336, Station "A"
Phone: AX 4-3501
1067. Meyer, Donald F.
1516 Doone Rd. (21)
Phone: HU 8-6876
1068. Morehouse Supply House Inc.
324 E. Long St. (15)
Phone: CA 8-2688
1069. Mosier Co., K. C.
549 N. Columbia (9)
Bexley Station
Phone: CA 1-7120
1070. Murphy, Edward W.
P. O. Box 5741 (21)
Phone: HU 8-1948
1071. National Refining Co.
1885 Coventry Rd. (12)
Phone: HU 8-3883
1072. Oakite Products Inc.
582 Wiltshire Rd. (4)
Phone: BR 9-3456

OHIO

COLUMBUS (cont.)

1073. Ohio Transmission Co., The
666 Parsons Ave. (6)
Phone: HI 4-2178
1074. Osborne & Sexton Machinery Co., The
N. 4th & E. Russell St. (16)
P. O. Box 88
Phone: CA 1-5203
1075. Oyl-Air Equip. Co.
1258 N. High St. (1)
Phone: HI 3-1224
1076. Paine, Russell G.
499 E. Royal Forest Blvd.
Phone: AM 8-4835
1077. Parker, Richard A.
1800 Goodale Ave. (12)
Phone: HU 8-4180
1078. Placc Products Sales Co.
700 N. James Rd. (19)
Phone: BE 1-4547
1079. Production Machinery Consultants
P. O. Box 5661 (21)
Phone: HU 8-5559
1080. Purdy Co., F. L.
655 N. Cassady Ave. (19)
Phone: CL 3-4600
1081. Reynolds Machinery Co.
44 E. Broad St. (14)
1082. Reynolds Metals Co.
1384 Grandview Ave., Rooms 214-216 (12)
Phone: HU 8-7788
1083. Richard Equip. Co.
1269 Grandview Ave. (12)
1084. Ross-Willoughby Co., The
1400 Goodale Blvd. (12)
Phone: HU 6-4311
1085. Scott Equip. Co.
2527 N. High St. (2)
Phone: AM 7-5488
1086. Scott Material Handling Co.
2527 N. High St. (2)
Phone: AM 7-5488
1087. Seidl, Arthur
371 Berkeley Rd. (5)
Phone: CL 8-7791
1088. Seifrest-Eistad Machinery
1960 Chelsea Rd. (21)
P. O. Box 5726
Phone: HU 6-7666
1089. Service Supply
1188-90 N. 4th St. (16)
P. O. Box 401
Phone: AX 4-3747
1090. Sherry Co., Edward J.
1055 W. 3rd Ave. (8)
Phone: AX 1-4622
1091. Sinclair Refining Co.
P. O. Box 3526 (14)
1092. Smith Brothers Hardware Co., The
580 N. 4th St. (16)
P. O. Box 930
Phone: CA 4-8131
1093. Smith Machinery Co., E. W.
523-525 N. High St. (15)
Phone: CA 4-2278
1094. Sun Oil Co.
3499 W. Broad St. (4)
Phone: BR 9-9421
1095. Syntro Cincinnati Sales Co.
210 Kingswood Bldg.
1385 Grandview Ave. (12)
Phone: HU 8-5566
1096. Tracerlab Inc.
410 Oak St. (15)
Phone: CA 1-9986
1097. Vaughan Instrument Service
395 E. Main St. (15)
Phone: CA 1-3816
1098. Von Maur Co., J. E.
1831 Northwest Blvd. (12)
Phone: HU 8-9479
1099. Vorys Brothers Inc.
824 W. 3rd Ave. (8)
Phone: AX 4-4701
1100. Welding Supply Service
866 W. 3rd Ave. (8)
Phone: AX 4-1697
1101. Werkhaven & Son, Wm.
2630 N. High St.
1102. Williams Co., Ralph C.
1654 Doone Rd.
Phone: HU 8-1811
1103. Williams & Co. Inc.
900 Williams Ave. (8)
Phone: AX 4-1623

SALES OFFICES

OHIO

COLUMBUS (cont.)

1104. Woodall Sales & Service Co.
4720 Musket Way (4)
Lincoln Village
Phone: TR 8-5621
1105. Worch Machinery Co., The
F. E.
2049 Westover Rd. (12)
Phone: HU 8-6233

CUYAHOGA FALLS

1106. Claflin, Howard
1951 Tudor St.
Phone: WA 8-1704
1107. Garco Machinery Inc.
1734-24th St.
Phone: SW 4-3747
1108. Hanlon Allied Tool Co.
1138 Chestnut Blvd.
1109. Kendall Co. Inc., W. T.
2240 W. Broad Bldg.
Phone: WA 8-3636 &
8-1935
1110. Nancarrow, F. E.
1029 Falls Ave.
Phone: WA 8-5770
1111. Oakite Products Inc.
2942 Prange Dr.
Phone: WA 3-3558
1112. Reliance Electric & Engrg.
Co.
3475 State Rd.
Phone: WA 3-9711
1113. Tri-Co Tool Sales
1471 Main St.
Phone: SW 4-5211

DAYTON

1114. Acheson Colloids Co.
Suite 40
627 Salem Ave. (6)
Phone: CR 7-3042
1115. Adams & Co., C. O.
2412 Far Hills Ave. (19)
Phone: AX 9-2960
1116. Ahlers Co., Milton
1404 Pinecrest Dr. (14)
Phone: CR 4-9541
1117. Allegheny Ludlum Steel
Corp.
1270 McCook Ave. (1)
P. O. Box 1017
Phone: BA 2-8286
1118. Allen-Bradley Co.
3070 Far Hills Ave. (29)
Phone: AX 8-6121
1119. Aluminum Co. of Amer.
207 Northtown Arcade (5)
Phone: CR 7-6531
1120. Anchor Rubber Co.
840 S. Patterson Blvd. (2)
Phone: BA 3-5191
1121. Auerhammer Tool & Supply
854 Brown St. (10)
Station "D", Box 5
Phone: BA 3-6284
1122. Automation Accessories Inc.
1208 N. Main St. (5)
Phone: BA 8-2443
1123. Barkdale, J. W.
18 W. Monument (2)
Phone: BA 2-1301
1124. Barrymount Corp., The
39 N. Torrence St.
Phone: CL 4-1311
1125. Bearing Distributors of Ohio
2612 E. 3rd St. (3)
Phone: CL 6-7900
1126. Bearings Inc.
608 S. Jefferson St. (2)
Phone: BA 2-3731
1127. Bellows-Valva
3602 Linden Ave. (10)
Phone: CL 3-9157
1128. Berner, Carl T.
P. O. Box 524, Far Hills
(19)
Phone: AX 3-5711
1129. Beryllium Corp., The
333 W. 1st St. (2)
Phone: BA 8-1496
1130. Bethlehem Steel Co.
506 Hulman Bldg.
120 W. 2nd St. (2)
Phone: BA 3-4139
1131. Bliss Co., E. W.
1254 Stanley Ave. (4)
Phone: BA 3-8297

1132. Bliss & Laughlin Inc.
1917 Park Hill Dr. (6)
Phone: CR 4-9084
1133. Brandenburg Machinery Co.
2600 Far Hills Ave. (19)
Phone: AX 9-5022
1134. Breen, James L.
1151 Brookview Ave. (9)
Phone: AX 3-4045
1135. Bridgeport Brass Co.
1221 Wilmington Ave.
(20)
Phone: AX 8-7331
1136. Carpenter Steel Co., The
229 Leo St. (4)
Phone: BA 4-7456
1137. Cavender Co., Walter
526 S. Ludlow St. (2)
Phone: BA 3-3663
1138. Central Ohio Equip. Co. Inc.
20 S. Charter St. (2)
Phone: BA 4-6897
1139. Chemquip Inc.
410 W. 1st St. (4)
Box 72, N. Dayton Branch
Phone: BA 8-6168
1140. Cleavenger & Assoc., E. B.
518 Hulman Bldg. (2)
Phone: BA 2-4522
1141. Clymer, R. B.
4625 Silverwood Dr. (29)
Phone: AX 3-7928
1142. Columbia Steel & Shafting
Co.
3449 Ridgeway Rd. (29)
Phone: AX 3-0674
1143. Columbus Belting & Supply
Inc.
912 Cincinnati St. (8)
Phone: BA 3-9169
1144. Condit Co., R. E.
10 State St. (1)
P. O. Box 365
Phone: BA 2-1147
1145. Cook & Assoc., Charles W.
627 Salem Ave., Room 130
(6)
Phone: CR 5-3231
1146. Crandall Co.
Fletcher Bldg.
49 Park Ave. (9)
Phone: AX 3-3159
1147. Crucible Steel Co.
4 N. Main St. (2)
(313-14 Gem City Savings
Bldg.)
Phone: BA 8-1182
1148. Custom Engrg.
2975 Far Hills Ave. (19)
Phone: AX 8-5246
1149. Cutler-Hammer Inc.
410 W. 1st St. (2)
Phone: BA 2-7482
1150. D-M-E Corp.
558 Leo St. (4)
Phone: BA 6-2584
1151. Daniel, William G.
1017 Salem Ave. (6)
Phone: CR 4-4691
1152. Dandy Machine Specialties
Inc.
3106 Delphos Ave. (17)
Phone: AM 3-3525
1153. Davis, Robert
5 Ivanhoe Ave. (19)
Phone: AX 8-3508
1154. Daystrom Inc.
11 W. Monument Ave. (2)
Phone: BA 2-8164
1155. Dayton Abrasive Products
Inc.
733 Windham St. (4)
1156. Dayton Casting Co.
Kiser & Chapel Sts. (1)
Phone: BA 3-6251
1157. Dayton Industrial Supply
45 Catherine St. (2)
Phone: BA 6-2761
1158. Dayton Perforators Inc.
226 Leo St. (4)
Phone: BA 3-3241
1159. Dayton Plastics Inc.
1934 Stanley Ave. (4)
Phone: BA 2-5891
1160. Dayton Stencil Works
113 E. 2nd St. (2)
1161. Dayton Supply & Tool Co.,
The
520 E. 1st St. (1)
Phone: BA 2-6355

DAYTON (cont.)

1162. Denison Engrg. Div.
2801 Far Hills Ave. (19)
Phone: AX 3-3367
1163. Denton & Anderson Co., The
3740 Salem Ave. (6)
P. O. Box #67
Phone: CR 7-9327
1164. Deuer, Joe
900 St. Nicholas Ave. (10)
1165. DeVillbiss Co., The
384 W. 1st St. (2)
Phone: BA 8-9203
1166. Diers Co., George H.
1200 Third Nat'l Bank
Phone: BA 2-4078
1167. Die Supply Sales Div.
1254 Stanley Ave. (4)
Phone: BA 4-9691
1168. Dills Supply Co.
200 Wayne Ave. (2)
Phone: BA 2-5537
1169. Dimke, T. E.
25 Sandhurst Dr.
Phone: CR 4-3297
1170. DoAll Dayton Co.
570 Leo St. (4)
Phone: BA 6-2768
1171. Dolan, J. R.
4464 Salem Ave. (16)
1172. Donovan Co., The Pat
53 Park Ave. (9)
Phone: AX 9-5651
1173. Dures Plastics Div.
333 W. 1st St.
Phone: BA 2-7436
1174. Dutcher, Jack L.
5057 Glenmina Dr. (40)
Phone: AX 8-1161
1175. Electro-Sales Assoc.
Dabel Station, Box 143
(20)
Phone: CH 4-5551
1176. Elgin National Watch Co.
725 S. Main St. (2)
Phone: BA 6-2752
1177. Firth Sterling Inc.
137 N. Main St.
Phone: BA 3-4251
1178. Flack Equip. Co.
1240 McCook Ave. (1)
Phone: BA 3-8121
1179. Flexible Tubing Corp.
136 W. 2nd St. (2)
Phone: BA 3-7063
1180. Geisler Co. Inc., H. D.
1228 McCook Ave.
Phone: BA 4-7445
1181. General Electric Co.
11 W. Monument Bldg. (2)
1182. Gisholt Machine Co.
P. O. Box 8 - Dayton View
Sta.
2676 Salem Ave. (6)
Phone: CR 7-4871
1183. Gorman Co., John M.
Box 62-Riverdale Sta. (5)
Phone: CR 5-7639
1184. Gosiger Machinery Co., C. H.
108 McDonough St.
Phone: BA 8-5174
1185. Greene & Assoc., Walter F.
419 W. 1st St. (2)
Phone: BA 3-3211
1186. Gulle Co., A. S.
526 S. Ludlow St. (2)
Phone: BA 6-1831
1187. H & H Co.
3508 Glaser Dr. (9)
Phone: AX 9-6905
1188. Hackney Co., W. W.
53 Park Ave. (19)
Phone: AX 9-3589
1189. Hanson, A. M.
300 Cushing Ave. (29)
1190. Hardinge Brothers Inc.
70 Stratford Ave. (2)
Phone: BA 4-6762
1191. Hayes Tool Co.
710 S. Main St. (2)
Phone: BA 3-6291
1192. Heald Machine Co., The
West Monument Bldg.,
Room 702
11 W. Monument Ave. (2)
Phone: BA 8-4109
1193. Henger-Fairfield Co.
401 Commercial Bldg. (2)
Phone: BA 3-6734
1194. Hofferberth Machine Co., H.
E.
1111 Ashland Ave. (20)
Box 91-Dabel Sta.
Phone: CL 3-7287
1195. Hoppelhorn Tool & Supply
Co.
217 Wonderly Ave. (19)
P. O. Box 36-Far Hills Sta.
Phone: AX 3-4670
AX 3-2348
1196. Houghton & Co., E. F.
465 Parknoll Rd. (59)
Phone: AX 3-8922
1197. Hunting Co., The Donald B.
1904 Brown St.
Phone: BA 2-7441
1198. Hydraulic Accessories
3301 Klepinger Rd. (1)
Phone: OR 9364
1199. Industrial Products Sales
Inc.
363 W. 1st St. (2)
Phone: BA 4-3523
1200. Instrulab Inc.
1305 Lamar St.
Phone: BA 3-2241
1201. Isacs Co., The
2676 Salem Ave.
Phone: CR 5-6141
1202. Jacoby, Byron
5299 Cynthia Lane (59)
Phone: AX 9-2165
1203. Jay Instrument & Specialty
Co. Inc.
2635 Springboro Pike (39)
Phone: AX 9-7373
1204. Jones, H. A.
P. O. Box 34, Dayton View
Sta. (6)
Phone: HE 8246
1205. Jones Machinery Co.
300 N. Broadway at Edison
(2)
Phone: HE 5411
1206. Jones, William A.
1857 Wayne Ave. (10)
Phone: CL 6-0961
1207. Kasaroff Co. Inc.
333 W. 1st St. (2)
Phone: BA 4-7214
1208. Kehoe, Gerald F.
257 Valley View Dr. (5)
1209. Keyes, Roger
530 W. 2nd St.
Phone: BA 8-8651
1210. Kiefaber Co., The W. H.
40 Keowee St. (1)
Phone: BA 3-2192
1211. Kinsey Co. Inc., The E. A.
16 Washington St. (2)
Phone: BA 3-9185
1212. Klin Co., Richard M.
1339 Third National Bldg.
(1)
P. O. Box 446
Phone: BA 2-3642
1213. Kniss Saw Co., Geo.
124 S. Hedges St.
Phone: CL 3-2532
1214. Kronauge, Paul W.
53 Park Ave. (19)
Phone: AX 9-5094
1215. Kuntz Co., J. R.
1226 McCook Ave. (4)
Phone: BA 4-0359
1216. Larkin Co., M. D.
115-125 E. 3rd St. (1)
P. O. Box 1013
1217. Latrobe Steel Co.
923 Webster St.
Phone: BA 3-7221
1218. Laughter Co., George D.
1920 Stanley Ave. (1)
1219. Layford, Robert
322 Kiefaber St.
Phone: BA 8-7772
1220. Leis, Charles
3054 Belleflower St. (9)
Phone: AX 9-8492
1221. Link Div.
333 W. 1st St., Suite 452
Phone: BA 4-3371
1222. Logan Co.
1970 S. Smithville Rd.
(10)
Phone: CL 6-2161
1223. Lord Mfg. Co.
349 W. 1st St. (2)
Phone: BA 4-0351

SALES OFFICES

DAYTON (cont.)

- 1224. Lumpkin, W. T.
201 Marathon (5)
Phone: CR 7-3427
- 1225. Mac-it Parts Co.
1159 Belvoir Ave. (9)
Phone: AX 9-7201
- 1226. Martin, Dale W.
P. O. Box 554, Far Hills
Branch
Phone: AX 9-3789
- 1227. Martin Electric Co., The
319 E. 2nd St. (2)
Phone: BA 8-5141
- 1228. Materials Handling Systems
1701 Webster St. (4)
Phone: BA 2-6758
- 1229. McComb, J. R.
136 W. 2nd St. (2)
Phone: BA 8-4485
- 1230. Miami Industrial Trucks
2031 S. Broadway (39)
Phone: AX 3-4194
- 1231. Micro Switch
1441 Milburn Ave. (4)
Phone: BA 2-4615
- 1232. Miller Co., F. L.
5499 Brandt Pike (24)
Phone: BE 3-3654
- 1233. Milne & Co. Inc., A.
2232 E. River Rd. (39)
Phone: AX 9-5511
- 1234. Monnier Machinery Co.
733 S. Main St. (2)
Phone: BA 4-4932
- 1235. Monnier Tool & Supply Co.
725 S. Main St. (2)
Phone: BA 6-2752
- 1236. Mosier Co., K. C.
628 S. Ludlow (2)
Phone: BA 4-9805
- 1237. Motch & Merryweather Ma-
chinery Co.
1305 American Bldg. (2)
Phone: BA 2-7846
- 1238. Mulford, John P.
Far Hills, Box 603 (19)
Phone: AX 3-5076
- 1239. Neff Co., Paul E.
4073 Upham Rd. (29)
Phone: AX 9-1711
- 1240. Non-Ferrous Castings Co.
Inc.
736 Albany St. (3)
Phone: BA 8-2361
- 1241. Norris Engrg. Co.
P. O. Box 86 (9)
- 1242. North West Supply Co.
10 N. Kilmer St. (17)
Phone: AM 8-1674
- 1243. Oakite Products Inc.
214 S. Ferry St. (2)
Phone: BR 9-3456
- 1244. Ohio Metal & Mfg. Co., The
300 N. Findlay St.
3740 Salem Ave. (6)
Phone: CR 7-9327
- 1246. Ohmer & Assoc., Frederic L.
P. O. Box 2013 Kettering
Br. (10)
Phone: WA 4530
- 1247. Ohmer, George H.
P. O. Box 34, Station "D"
(10)
Phone: AX 3-3761
- 1248. Olt Co., Walter R.
2420 Far Hills Ave. (9)
Phone: AX 8-4051
- 1249. Paquin Co.
630 Brandt St. (4)
Phone: BA 3-2283
- 1250. Parker, G. F.
1212 Rydale Rd. (5)
Phone: BA 2-4728
- 1251. Peninsular Steel Co., The
401 Kiser St. (4)
Box 183
Phone: BA 3-3121
- 1252. Plasteel Products
1970 Bauer Ave.
Phone: OL 1561
- 1253. Production Engrg. Sales Co.
2003 N. Main St. (5)
Phone: CR 8-4741
- 1254. Product Corp., The
3632 Delphos Ave. (7)
Phone: AM 8-1851
- 1255. Rawlings, J. S.
1430 Chadwick Dr. (6)
Phone: CR 4-2612

- 1256. Reese Tool Sales
409 Ridgewood (9)
Phone: YO 1818
- 1257. Reliance Electric & Engrg.
Co.
Room 205
909 Irving Ave.
Phone: AX 8-7366
- 1258. Republic Steel Corp.
308 Herman Miller Bldg.
(2)
Phone: BA 2-4612
- 1259. Resistoflex Corp.
11 W. Monument Bldg.,
Room 608 (2)
Phone: BA 2-4033
- 1260. Revere Copper & Brass Inc.
P. O. Box 3056, Overlook
Branch
3898 Linden Ave. (31)
Phone: CL 2-5616
- 1261. Reynolds Metals Co.
305 Eleven W. Monument
Bldg. (2)
Phone: BA 2-6344
- 1262. Richard Equip. Co.
41 Springfield
P. O. Box 2, Station "A"
(3)
Phone: CL 3-2195
- 1263. Richie & Assoc., C. K.
3236 Little York Rd. (14)
Phone: TW 8-5283
- 1264. Riker, Richard E.
3947 Haney Rd. (5)
Phone: CR 5-6815
- 1265. Rosan Inc.
Talbot Bldg., Room 309
131 N. Ludlow St. (2)
Phone: BA 3-2289
- 1266. Rosenberger, Lyman R.
4111 Midway Ave. (17)
- 1267. Rotor Tool Co., The
2801 Far Hills Ave., Room
309 (19)
Phone: AX 9-8091
- 1268. Row-Con Sales Co.
Dabel Station 3 (10)
Phone: CL 3-1522
- 1269. Ruco Inc.
Box 515, Far Hills Sta-
tion
Dryden & Glazer Rds.
Phone: AX 3-4131
- 1270. Scholey, H. E.
2803 N. Main St. (5)
Phone: CR 5-1244
- 1271. Scott & Steffen Inc.
102 W. 2nd St. (3)
Phone: AM 8-1674
- 1272. Scott Equip. Co.
272 Leo St. (4)
Phone: BA 3-8141
- 1273. Scott Material Handling Co.
272 Leo St. (4)
Phone: BA 3-8141
- 1274. Scott, R. M.
4619 Druid Lane (39)
Phone: AX 9-6177
- 1275. Seifreut-Eistad Machinery
Co.
2600 Far Hills Bldg. (9)
P. O. Box 586
Phone: AX 3-3107
- 1276. Selas Corp. of Amer.
333 W. 1st St. (2)
Phone: BA 8-8002
- 1277. Sheffield Central Sales Co.
721 Springfield St. (1)
Phone: CL 4-5377
- 1278. Smith, Clyde E.
1091 W. Siebenthaler
Phone: CR 5-1291
- 1279. Snodgrass, Gene
P. O. Box 194 (1)
Phone: CR 7-2401
- 1280. Spaulding Fibre Co. Inc.
136 S. Ludlow St. (2)
Phone: BA 3-2286
- 1281. Standard Die Supply Inc.
1920 Stanley St.
Phone: BA 8-8181
- 1282. Sterling Electric Motors
Inc.
4887 Glenross Rd. (18)
Phone: CR 7-2862
- 1283. Stevens Inc., Frederic B.
516 Broad Blvd. (9)
Phone: AX 3-4044
- 1284. Stevens, Jack A.
5905 Ranch Dr. (32)
Phone: BA 3-3506

DAYTON (cont.)

- 1285. Stokes Corp., F. J.
3070 Far Hills Ave. (9)
Phone: AX 3-8302
- 1286. Sun Oil Co.
1708 Rita St. (4)
Phone: BA 6-1341
- 1287. Syntrol Cincinnati Sales Co.
901 Irving Ave. (9)
Phone: AX 8-6341
- 1288. Technear Sales Inc.
3 Cushing St.
Phone: AX 9-0011
- 1289. Thal-Mor Assoc.
11 W. Monument Ave. (2)
Phone: BA 2-9661
- 1290. Thompson Co., R. H.
1516 Shaftsbury Rd. (6)
Phone: CR 7-3091
- 1291. Tool Sales & Engrg. Co.
53 Park Ave. (19)
Phone: AX 3-1506
- 1292. Touschard, George
53 Park Ave. (19)
Phone: AX 8-6901
- 1293. Tower Engrg. Co.
3898 Linden Ave. (32)
Phone: CL 6-0931
- 1294. Transmission Inc.
1041 S. Patterson Blvd. (2)
Phone: BA 2-1244
- 1295. Union Storage Co.
10 S. Conover St. (2)
Phone: BA 6-1871
- 1296. Universal-Cyclops Steel
1120-1122 25 S. Main Bldg.
(2)
Phone: BA 2-7451
- 1297. Walker Co. Inc., E. E.
1517 E. 3rd St. (3)
Phone: BA 2-6209
- 1298. Waller, Stanley E.
3521 Harvard Blvd. (6)
Phone: CR 5-4151
- 1299. Warner & Swasey Co., The
633 Hulman Bldg. (2)
Phone: BA 8-3581
- 1300. Weatherwax, Gillette A.
1920 Rustic Rd. (6)
Phone: CR 5-1571
- 1301. Weiler Welding Co.
324 E. 2nd St. (2)
Phone: BA 8-5186
- 1302. Wesline Sales Co.
725 S. Main St. (2)
Phone: BA 4-2851
- 1303. Whitesell & Assoc., R. O.
2600 Far Hills Ave.
Phone: AX 8-4281
- 1304. Wigglesworth, T. R.
4439 Kittridge Rd. (24)
Phone: BE 3-0703
- 1305. Wilton Tool Mfg. Co. Inc.
1521 Delhyn Dr. (40)
Phone: TU 5-3245
- 1306. Woodall Sales & Service
3070 Far Hills Ave.
P. O. Box 626
Phone: AX 9-3151
- 1307. Wyckoff Steel Co.
1601 Hulman Bldg. (2)
Phone: BA 3-6571

DELAWARE

- 1308. Pennsalt Chemicals Corp.
Phone: W 3671

DOVER

- 1309. Tool Crib, The
405 N. Tuscarawas Ave.
Phone: 36504
- 1310. Zollar, H. H.
515 Walnut St.
Phone: 4-2555

EAST CANTON

- 1311. Canton Tool Mfg. Co., The
P. O. Box 1635
Phone: IV 8-1251

EAST CLEVELAND

- 1312. Kraber, Charles
1863 Hastings Ave.
Phone: GL 1-2194
- 1313. Kraber, Robert
1877 Stanwood Rd. (12)
Phone: GL 1-6314
- 1314. Lewis Sales Co., W.
1303 Hayden Ave. (12)
Phone: MU 1-4600

OHIO

- 1315. Rollway Bearing Co. Inc.
15776 Euclid Ave. (12)
Phone: LI 1-6220

EATON

- 1316. Threadwell Tap & Die Co.
410 Aukerman St.
P. O. Box 264
Phone: EA 759.

ELYRIA

- 1317. Bearings Inc.
601 Cleveland St.
Phone: EM 6-1841
- 1318. Elyria Belting & Machinery
Co.
Box 755
- 1319. Elyria Welding Supplies
118 Kipling St.
- 1320. Riehme, Heinz
2071 Rosewood (7)
- 1321. Sexton, John
308 N. Olive St.
Phone: EM 6-6085
- 1322. Western Automatic Screw
Co., The
P. O. Box 290
Phone: FA 3-3341

ENON

- 1323. Silliman, F. N.
123 Miramar Dr.
P. O. Box 82
Phone: WO 6-7122

EUCLID

- 1324. Carlton Tool Co.
1910 Seneca Dr. (17)
Phone: IV 1-1620
- 1325. Chamerlin, R. W.
19870 Seminole Dr.
Phone: IV 1-3326
- 1326. Electro-Sales Assoc.
281 E. 216th St. (23)
Phone: RE 2-7444
- 1327. Elgin National Watch Co.
27150 Tremaine Dr. (32)
Phone: AN 1-2760
- 1328. McKee, Cal S.
3805 Bridgeview Dr.
Phone: EV 1-3839
- 1329. Motch & Merryweather Ma-
chinery Co., The
1250 E. 222nd St. (17)
Phone: IV 6-3600
- 1330. Sealander Co., C. G.
580 E. 260th St.
Phone: IV 6-5555
- 1331. Sopko & Sons Co., Wm.
140 E. 267th St.
Phone: RE 1-7636
- 1332. Stoneback, John W.
161 E. 192nd St. (19)
Phone: IV 1-7615
- 1333. Teachout Machine Service
464 E. 250th St.

FAIRBORN

- 1334. Nickerson & Son, Paul R.
201 Mann Ave.
P. O. Box 782
Phone: TR 8-4057

FAIRVIEW PARK

- 1335. Barnstead, R. I.
22393 Fairlawn Circle
Phone: RE 4-3688
- 1336. Thompson, C. H.
19484 N. Sagamore Rd.
(26)
- 1337. White, Joseph F.
4880 W. 220th St. (26)
Phone: RE 4-2484

FINDLAY

- 1338. National Refining Co.
139 Springfield Dr.
Phone: GA 2-1128
- 1339. Oakite Products Inc.
P. O. Box 168
Phone: GA 3-1503
- 1340. Ohio Conveyor & Supply Co.
1310 N. Main St.
Phone: GA 2-3825

SALES OFFICES

OHIO

FINDLAY (cont.)

1341. Remington Arms Co. Inc.
1515 W. View Dr.
Phone: GA 2-8600

FOSTORIA

1342. Fostoria Corp.
1200 N. Main St.
Phone: HE 5-7721

FRANKLIN

1343. Boullain, George
Box 285
1406 Springboro Rd.
Phone: SH 6-7043
1344. Ekro Co., The
2800 W. Lower Springboro
Rd.
Phone: SH 6-9271

FREDERICKTOWN

1345. Hewitt, Waldo
R. R. #1
Phone: MY 4-2608

GARFIELD HEIGHTS

1346. Chardale Sales
5349 E. 131st St. (25)
Phone: HE 2-1900
1347. Vereb, Steve J.
4619 E. 93rd St. (25)
Phone: VU 3-6999

GRAFTON

1348. Neuman, Rudolph G.
2100 Chamberlain Rd.
R.F.D. #2
Phone: GR 2632

GRANVILLE

1349. Derr, B. A.
Grandview Rd.
Phone: JU 2-6171

GREEN HILLS

1350. Urton, Omar
20 Cromwell Rd. (18)

GREENVILLE

1351. Hathaway, Ralph T.
314 Ash
Phone: LI 8-3752

GROVE CITY

1352. Morganthall, F. J.
726 Glendale Rd.

HAMILTON

1353. Anschutz Machinery Co.
1500 Park Ave.
Phone: GA 1-3777
1354. Bearings Inc.
706 East Ave.
Phone: TW 4-8371
1355. Benson, C. A.
4960 Pleasant Ave.
Phone: TW 4-8842
1356. Fischer Hardware & Supply
Co.
30 N. 3rd Ave.
1357. Hamilton Foundry Inc.
1551 Lincoln Ave.
Phone: TW 5-7491
1358. Kiefaber Co., W. H.
P. O. Box 447
Phone: TW 5-8891
1359. Vernon Allsteel Press Co.
4716 Anthony Wayne Ave.
Phone: TW 5-2242
1360. Weaver, C. E.
4223 Cincinnati-Brookville
Rd.
R.R. #4, Box 108
Phone: HE 6-6651

HUBBARD

1361. Erie Equip. Service Inc.
630 W. Liberty St.
Phone: KE 4-1973

HUDSON

1362. Chubbuck, George F.
P. O. Box 531
Phone: OL 3-5388

1363. Hipkiss & Hulbert Inc.
1364. Stoddard, Larry
152 Hudson St.
Phone: 195

INDEPENDENCE

1365. Elox Corp. of Mich.
6521 Brecksville Rd.
Phone: LA 4-1448
1366. Latrobe Steel Co.
5572 Brecksville Rd. (31)
Phone: LA 4-8237
1367. Pawuk, Emil
7923 Dalebrook (31)
Phone: LA 4-6239

KENT

1368. Kent Tool Service
1001 Franklin Ave.
Phone: OR 3-9551
1369. Wheeler, Don
7373 Cleveland Canton Rd.
Phone: OR 3-9497

KETTERING

1370. Reese Tool Sales Inc.
555 W. David Rd. (29)
Phone: AX 8-1818

LA GRANGE

1371. Noble Equip. Co.
P. O. Box 67
Phone: GL 8-4651

LAKEWOOD

1372. Accurate Air Sales & Ser-
vice Co.
1407 Lakeland Ave. (7)
Phone: AC 1-4820
1373. Cleveland Duplex Machin-
ery Co.
14625 Detroit Ave. (7)
Phone: AC 6-4740
1374. Designers for Industry Inc.
12970 Clifton Blvd.
Phone: AC 6-0725
1375. Ferguson Machine Corp.
P. O. Box 506 (7)
Phone: LA 1-8986
1376. Hackett-Ohio Co.
11626 Clifton Blvd.
1377. Ipsen Industries Inc.
15017 Detroit Ave. (7)
Phone: AC 1-3500
1378. King Co., Robert R.
1297 Marlowe Ave. (7)
Phone: AC 6-5000
1379. Kramer, K. C.
2140 Elbur Ave. (7)
Phone: LA 1-7943
1380. Lakewood Tool & Supply
1413 Lakeland Ave. (7)
Phone: AC 1-4829
1381. Petzinger Engrg. Co., L. E.
17803 Lake Ave. (7)
Phone: AC 6-6060
1382. Rumbarger, J. C.
2073 Riverside Dr. (7)
Phone: LA 1-7812
1383. Sherritts & Co., John A.
2052 McKinley Ave. (7)
Phone: BO 2-9300
1384. Wapakoneta Machine Co.,
The
1253 Donald Ave. (7)
Phone: AC 1-9936

LEXINGTON

1385. Luther, Kirk C.
612 Fuhrer Ave.
Phone: SK 5-8283

LIMA

1386. Bearings Inc.
142 S. Elizabeth at Spring
St.
Phone: 9-2660
1387. Clevenger Co.
226 E. McKibbin St.
1388. Crites, George U.
2119 W. Spring St.
Phone: CA 5-4821
1389. Edco Tool & Supply Co.
340-54 E. Market St.
1390. Ex-Cell-O Corp.
951 Williams St.
P. O. Box 29
Phone: CA 9-9015

1391. McKee Tool & Supply Co.
925 N. Jameson Ave.
P. O. Box 1125
Phone: CA 2-5080

1392. Mineweld Co. of Ind. Inc.
964 S. Elizabeth St.

1393. Mosier Co., K. C.
421 Runyan Ave.
Phone: CA 6-8896

1394. Rider Industrial Trucks
804 National Bank Bldg.

1395. Siferd Co., E. E.
471 McPherson Ave.
P. O. Box 331
Phone: CA 9-9526

1396. Siferd Hosselman Co.
129-199 W. Elm St.
Phone: CA 6-0015

1397. Steele's Automotive Parts
Inc.
406 W. Market St.

1398. Utility & Industrial Supply
Co.
268 E. Pearl St.

LISBON

1399. National Screw & Mfg. Co.,
The
Phone: HA 4-7348

LOCKLAND

1400. Bearings Inc.
105 Mill St.
Phone: PO 1-5200
1401. Plant Equip. Co.
316 Dunn St. (15)
Phone: VA 1-4600
1402. Wahl Co., A. C.
121 Mill St. (15)
Phone: VA 1-3270

LODI

1403. Oakite Products Inc.
211 Bank St.
Phone: LO 2311

LORAIN

1404. Kohlmyer Supply Co.
3009 Pearl Ave.
Phone: BR 7-8288
1405. Nelson Stud Welding Div.
28th St. & Toledo Ave.
Phone: CH 5-6831

LOUISVILLE

1406. Rodas Sales, Dusty
R. R. #1
Phone: TR 5-5112

LYNHURST

1407. Borovaky Sales, Geo.
4932 Glenlyn Rd. (24)
1408. Van De Motter, T.
4997 Countryside (24)
Phone: EV 1-6091

MACEDONIA

1409. McNeil, R. C.
8411 Shepard Rd.
Phone: PR 1-0501

MADERIA

1410. Allied Tool Products
P. O. Box 545
Phone: LO 1-8745
1411. Ball, Don
7819 Tances Dr.
Phone: LO 1-6777
1412. Pratt Co., Ray W.
P. O. Box 36
Phone: MA 1-8609

MANSFIELD

1413. Bearings Inc.
187 W. 6th St.
Phone: LA 4-5171
1414. Globe Steel Abrasive Co.,
The
338 1st Ave.
Phone: LA 4-7511
1415. Industrial Technical Sales &
Service Inc.
650 Park Ave. W.
Phone: LA 2-9902
1416. Mansfield Hardware &
Supply Co.
70 N. Foster St.
Phone: LA 2-2911
1417. Mansfield Rubber Stamp
Co.
55 N. Diamond St.

1418. Morris Co., S. G.
2139 S. Main Rd., No. 5
Phone: LA 2-9703

1419. North Central Industrial
Supply Co.
345 Park Ave., E.
Phone: LA 5-1331

1420. Ransdell, Dwight
550 W. Townsview Circle
Phone: SK 6-4656

1421. Stone-Ohio Sales Co.
63 Glenwood St.
Phone: LA 2-4152

1422. Tenny Tool & Supply Co.
P. O. Box 1172
64 Surrey Rd.
Phone: LA 2-2711

MAPLE HEIGHTS

1423. Evans Reamer & Machine
Co.
Phone: MO 2-2400
1424. Howell Electric Motors Co.
5406 Dunham Rd.
Phone: MO 2-8484

MARBLEHEAD

1425. Schott, Wallace F.
Box 209
Phone: 8-8071

MARIETTA

1426. McJunkin Corp.
Phone: FR 3-4475

MARION

1427. Cornell Equip. & Supply
Co.
P. O. Box 304
287 Forest Lawn Blvd.
Phone: 2-3359
1428. McDaniel, J. W.
309 Center St.
Phone: 3-3121
1429. Probst Supply Co.
366 W. Center St.
Phone: 2-2151
1430. Universal Marion Supply
Co.
P. O. Box 464
611 W. Center St.
Phone: 2-1126
1431. Van Atta Supply Co., The
375-77 W. Center St.
Phone: 2-2636

MARTINS FERRY

1432. Dawes & Co., James C.
250 N. Zane Hwy.

MASSILLON

1433. Anthony, Charles W.
1116-11th St., NE.
Phone: TE 2-2482
1434. Eaton Mfg. Co.
25 Charles Ave., SE.
Phone: TE 2-1511
1435. Hardware & Supply Co., The
4335 Lincoln Way, E.
Phone: GR 7-6221
1436. Midstate Industrial Trucks
Inc.
256 Erie St., S.
Phone: TE 3-8544

MAUMEE

1437. Kerchmar, Carl
660 Southfield
Phone: TW 3-6054

MENTOR

1438. Hathaway, J. E.
1126 N. Center St.
Phone: BL 5-2334

MENTOR-ON-THE-LAKE

1439. Smith Sales for Industry
354 Woodside Rd.
Phone: BL 7-7433

MOUNT GILEAD

1440. Hydraulic Press Mfg. Co.,
The
Phone: 9381

MOUNT VERNON

1441. Cooper-Bessmer Corp., The
Phone: EX 3-0121

SALES OFFICES

NEWARK

1442. Crebs, F. W.
1053 Granville Rd.
Phone: DI 4-2610
1443. Lucas Supply Co.
1st & Market Sts.
Phone: FA 6-6971
1444. Superior Saw & Tool Co.
Cherry Valley Rd.

NEW LEXINGTON

1445. Evans Reamer & Machine Co.
S. Main St.
Phone: FI 2-1941

NEW RICHMOND

1446. Green, Wilson B.
R. R. #2, P. O. Box 237
Laurel Lindale Rd.
Phone: SK 3-5303

NORTHFIELD

1447. Thomson Mfg. Co., Judson L.
57 Aurora Rd.
Phone: FI 2-7573

NORTH OLMSTED

1448. C. & M. Industrial Service
P. O. Box 83
1449. Gleisner, Robert B.
6103 Fitch Rd.
Phone: SP 1-2270
1450. Ohio Diamond Tool Corp.
23525 Lorain Rd.
1451. Sibley, Ernest
23981 Ambour Dr.
Phone: SP 1-5996
1452. Tomezak, Thomas S.
23022 Esther Ave.
Phone: RE 4-2680

NORWALK

1453. Bellows-Valvair
18½ W. Main St.
Phone: 3-2214
1454. Young, R. J.
65 Eastwood Dr.
Phone: 8-3625

OVERLIN

1455. Boulter, R. N.
13 Clark Ct.
Phone: OB 5-3415

OLMSTEAD FALLS

1456. Nichols Co., R. W.
P. O. Box 6
24405 W. Bagley Rd.
Phone: AD 5-3366

OXFORD

1457. Swift Ohio Corp.
169 Shadow Hills Dr.
P. O. Box 148
Phone: 3-4437 or 3-5783

PARMA

1458. Bell, F. F.
5905 Woolman, No. 48
(30)
Phone: TU 6-4836
1459. Haley, Matthew M.
5916 Hollywood Dr. (29)
Phone: TU 4-8460, 4-8461
1460. Michalek, Walter
6330 Westminster Dr. (29)
Phone: TU 6-3384
1461. Miller Electric Mfg. Co. Inc.
11061 River Edge Dr.
Phone: TU 6-4150
1462. Sherry Co., S. E.
6514 Westminster Dr. (29)
Phone: TU 4-3539
1463. Sunnen Products Co.
6409 Manchester Dr. (29)
Phone: CH 1-4833
1464. Urban, Jack D.
6480 W. 29th St. (34)
Phone: HE 2-3106

PARMA HEIGHTS

1465. Jackson Machinery Co.
7181 Greenleaf

PERRYSBURG

1466. Pound Machine & Tool Co., Wm. W.
Mandell Rd.
P. O. Box 72
Phone: TR 4-4391

PIQUA

1467. Bornell Supply Co.
135 E. Main St.
Phone: PR 3-5323
1468. Continental Screw Co.
R.R. #3, Box #336
Phone: PR 3-7725
1469. Production Equip. Co.
523 N. Main St.
P. O. Box 820
Phone: 1430

PORTSMOUTH

1470. Central Electric Co.
1810 11th St.
Phone: EL 3-4410
1471. Western Supply Co.

RAVENNA

1472. Hinkley, Thomas W.
329 N. Chestnut St.
Phone: AX 6-5918

ROCKY RIVER

1473. Burton, Harold R.
19910 Hilliard Rd. (16)
Phone: ED 1-7109
1474. Dumore Co., The
721 Orchard Park Dr. (16)
Phone: ED 1-0877
1475. Eclipse Air Brush Co.
12 Dixon Bldg.
19120 Detroit Rd. (16)
Phone: ED 1-8790
1476. Hull & Co. Inc., R. O.
1300 Parsons Ct. (16)
1477. Minarik Co., Paul
3100 Wooster Rd.
Phone: ED 1-5559
1478. Mura, Harlen F.
1839 Wynwood Dr. (16)
Phone: ED 1-1447
1479. Otte, Jr., Griffith
21185 Beechwood Dr. (16)
Phone: ED 1-4139
1480. Raney, William E.
20080 Frazier Dr. (16)
Phone: ED 1-8241
1481. Sheets, Walter S.
2364 Westmoor Rd. (16)
Phone: ED 1-9279
1482. Spaulding Fibre Co. Inc.
1526 Wooster Rd. (16)
Phone: ED 1-8200
1483. Wesson Co.
19148 Detroit Rd. (16)
Phone: ED 1-4412

SALEM

1484. Bliss Co., E. W.
250 Franklin St.
Phone: ED 7-3445
1485. Ohio Pump Co.
384 Aetna St.
Phone: ED 7-8453

SANDUSKY

1486. Associated Suppliers Inc.
121-125 W. Water St.
Phone: MA 6-2721

SEBRING

1487. Miller Fluid Power Div.
815 W. Ohio Ave.
Phone: YE 8-6368

SEVEN MILE

1488. Weber, Robert R.
P. O. Box 67
Phone: RA 3-2791

SHAKER HEIGHTS

1489. Burrow, Jack
19627 Winslow Rd.
Phone: SK 2-2051
1490. Carmichael Industries
3086 Chadbourne Rd. (20)
Phone: WA 1-7882
1491. Feeder Automation Sales
3537 Lee Rd.
Phone: LO 1-8030
1492. Fotheringham, A. Y. & W. A.
2919 Glenmore Rd. (22)
Box 823
Phone: SK 1-1455
1493. Fried, M. M.
2525 Kemper Rd., Apt 305
Phone: GA 1-1656
1494. Peninsular Grinding Wheel Co.
Room #28
3537 Lee Rd.
Phone: WA 1-6840

1495. Stahura, Richard
3537 Lee Rd.
Phone: LO 1-8030

SHARONVILLE

1496. Davis, Kenneth
11189 Macar Dr. (41)
Phone: PR 1-4582

SIDNEY

1497. Brandenburg Machinery Co.
223 Bon Air Dr. (1)
Phone: HY 2-6527
1498. Dickman Industrial Service Inc.
310 Main Ave.
Phone: HY 2-6166
1499. Monarch Machine Tool Co.
1500. Sidney Machine Tool Co.

OLON

1501. Bowers, Richard A.
6677 Solon Blvd.
Phone: CH 8-5487
1502. Crown Tool & Supply Co.
34152 Solon Rd. (39)
P. O. Box 197
Phone: CH 8-5000
1503. Crucible Steel Co.
31400 Aurora Rd.
Phone: CH 8-9400
1504. Johnson Co., F. D.
28815 Aurora Rd.
Phone: CH 8-4747
1505. Maroush, John J.
34880 Cannon Rd.
Phone: CH 8-4186

SOUTH EUCLID

1506. Mapes, William R.
P. O. Box 37 (21)
Phone: EV 2-2911, 2-2912
1507. McKee, Calvin S.
P. O. Box 31
3905 Bridgeview Dr. (21)
Phone: EV 1-3639
1508. National Refining Co.
2080 Temblehurst Dr. (21)
Phone: EV 2-6186
1509. Wishnek, George
4346 Bexley Blvd.

SPRINGFIELD

1510. Blakeslee & Co., G. S.
207 Downey Dr.
Phone: FA 5-3875
1511. Gartner, R. L.
4822 Curtiss Dr.
1512. Mad River Supply Co. Inc.
P. O. Box 29
10 N. Western Ave.
Phone: FA 3-7505
1513. McGregor, David
141 Hawthorne Rd.
Phone: FA 3-7935
1514. Northwest Chemical Co.
2301 E. High St.
Phone: FA 5-2977
1515. Rockel Co., J. D.
509 Arcue Bldg.
Phone: FA 5-3462
1516. Ross-Willoughby Co.
1310 W. Main St.
P. O. Box 899
Phone: FA 3-5576
1517. Thompson Grinder

STRONGSVILLE

1518. Wilson Co., W. M.
8301 Pearl Rd. (36)
Phone: BE 4-5415

STEBENVILLE

1519. Industrial Supplies Co.
324 N. 7th St.
P. O. Box 671
Phone: AT 2-3633

SYLVANIA

1520. Rogers, Fred
7040 Monroe Ave.
Phone: TU 2-5284

TERRACE PARK

1521. Tarkington, Stewart W.
214 Harvard Ave.
Phone: CH 1-7010

OHIO

TIFFIN

1522. Motch & Merryweather Machinery Co., The
P. O. Box 416
Phone: TI 2626

TOLEDO

1523. Ahrendt Co., Fred C.
3636 Detroit Ave. (12)
P. O. Box 6622
Phone: LA 1428
1524. Allen-Bradley Co.
1922 Sylvania Ave. (13)
Phone: GR 5-2700
1525. Allis-Chalmers
245 Summit St. (4)
Phone: CH 4-7488
1526. Allis Co., The Louis
1920 Sylvania Ave. (13)
Phone: GR 9-6161
1527. Aluminum Co. of Amer.
1801 Owens-Illinois Bldg. (4)
Phone: CH 8-3511
1528. Anderson Industrial Supplies
3028 S. Byrne Rd. (14)
Phone: EV 2-8728
1529. B. & T. Assoc.
3350 Secor Rd. (6)
Phone: GR 4-2151
1530. Baker, Robert C.
2449 Berdan Ave. (13)
Phone: GR 9-6867
1531. Barbeau & Beard
2620 Eastvale St. (5)
P. O. Box 102, Sta. "A"
Phone: OX 1-2441
1532. Bauer-Wenner Co. Inc.
1037 Custer Dr. (12)
1533. Bearings Inc.
1302 Washington St. (2)
Phone: CH 8-5311
1534. Bellows-Valvair
518 Jefferson Ave. (4)
Phone: CH 1-8250
1535. Bethlehem Steel Co.
301 Bell Bldg.
709 Madison Ave. (2)
Phone: CH 3-4193
1536. Binkelman Bearings Inc.
832 Walnut St. (1)
Phone: CH 3-5279
1537. Black & Decker
2432 Sylvania Ave.
Phone: GR 4-2691
1538. Bliss Co., E. W.
1420 Hastings St. (1)
Phone: JE 6-3761
1539. Bohl Equip. Co.
534 Laskey Rd. (12)
Phone: GR 9-2223
1540. Bostwick-Braun Co., The
Summit & Monroe Sts. (1)
P. O. Box 912
Phone: CH 1-7231
1541. Boyko Engrg. Co., John
356 Morris St. (4)
1542. Brophy, John S.
2142 Fairfax (13)
1543. Browne-Sudhoff
4110 Secor Rd. (13)
Phone: GR 2-6256
1544. Burke Co., Edmund
361 Phillips Ave. (12)
Phone: GR 2-2152
1545. Butler Saw Shop
20 S. St. Clair St. (4)
1546. Camp, Wayne
2002 Joffre Ave. (7)
Phone: EV 2-8728,
JE 1-1356
1547. Carlson Machinery Co.
125 Wabash St. (2)
1548. Carpenter Steel Co., The
1034 Laskey Rd. (12)
Phone: GR 4-0384
1549. Ciapp, R.
197 S. St. Clair St. (4)
Phone: CH 2-1088
1550. Cleveland Tool & Supply Co.
1915 N. 12th St. (2)
Phone: CH 1-4266
1551. Cleveland Trammell Toledo Co.
534 Laskey Rd. (12)
Phone: GR 3-2223
1552. Cornell Supply Co., The
128 Summit St. (4)
Phone: CH 1-2183

SALES OFFICES

OHIO

TOLEDO (cont.)

- 1553. Crawford, Walter
445 Bryant Ct. (10)
Phone: CH 3-9043
- 1554. Crucible Steel Co.
3303 South Ave. (9)
P. O. Box 1091 Station E
Phone: EV 2-5678
- 1555. Cuthbert Inc., F. N.
2909 Detroit Ave. (10)
Phone: CH 1-2218
- 1556. Cutler-Hammer Inc.
1313 Jefferson Ave. (2)
Phone: CH 6-4822
- 1557. Davis, Ralph W.
P. O. Box 322 (10)
Phone: TR 4-5304
- 1558. Volente & Assoc., Deo
628 Clifton Blvd. (7)
Phone: JE 6-1191
- 1559. Derkin-Wise Inc.
356 Morris St. (4)
Phone: CH 3-5361
- 1560. Dettrex Chemical Industry
Inc.
1313 Jefferson (2)
Phone: CH 6-4473
- 1561. Detroit Ball Bearing Co.
325 10th St.
Phone: GR 9-5249
- 1562. DoALL Toledo Co.
730 Phillips Ave. (12)
Phone: GR 9-5249
- 1563. Donnelly & Assoc., H. H.
2044 Glenwood Ave. (2)
Phone: CH 2-3529
- 1564. Duke Co., George
518 Jefferson Ave. (4)
Phone: CH 3-5361
- 1565. Edmunds Co., James
2860 Falmouth Rd. (6)
Phone: CH 4-4649
- 1566. Erie Tool & Supply Co.
304 N. Westwood Ave. (7)
Box 336, Station "C"
Phone: JE 1-2811
- 1567. Fahey, Wm.
865 W. Central Ave. (10)
Phone: CH 2-7281
- 1568. Fauver Co., J. N.
548 W. Pointsetta Ave.
Phone: GR 5-2184
- 1569. Ford Machinery Co.
1336 Bancroft St.
Phone: CH 8-2629
- 1570. Freeman Materials Handling
Co., The
501 Troy St. (11)
Phone: RA 6-3653
- 1571. Freeman Supply Co., The
1152 E. Broadway
P. O. Box 188, Station "A"
Phone: TA 4654
- 1572. Fuller Brush Co., The
1315 Manhattan Blvd. (8)
- 1573. Gallagher, John J.
307 Pasadena Blvd. (12)
Phone: GR 2-9341
- 1574. General Electric Co.
420 Madison Ave. (4)
Phone: CH 1-6291
- 1575. Given, Donald C.
2974 Daleford Dr. (14)
Phone: EV 2-8184
- 1576. Gogel Co., Walter
1819 13th St. (2)
- 1577. Golden & McCoy Machinery
Co.
4108 Vineyard (13)
Phone: TU 2-3631
- 1578. Goodson Co., W. V.
1118 Madison Ave. (2)
Phone: CH 6-1531
- 1579. Gulf Oil Corp.
National Bank Bldg.
Huron St. & Madison Ave.
(1)
P. O. Box 946
Phone: CH 8-6791
- 1580. Hackett Brothers Inc.
2706 Alisdale, Apt. 103
- 1581. Hart, Lee
2930 Wicklow Dr. (6)
Phone: JE 6-8561
- 1582. Hartwig Industrial Service
2645 Merrimac Blvd. (6)
- 1583. Henger-Fairfield Co.
1105 Jefferson Ave. (2)
Phone: CH 4-2396

- 1584. Horton, Carroll R.
2369 Robinwood Ave. (10)
Phone: CH 4-0783
- 1585. Hoot, H. M.
4239 Monroe St. (13)
P. O. Box 95, Station "H"
Phone: GR 5-6619
- 1586. Huss Equip. Corp.
1039 Custer Dr. (12)
Phone: GR 2-1181
- 1587. Industrial Air & Hydraulic
Equip. Co.
3207 Cambridge St.
Phone: CH 4-5827
- 1588. Industrial Electronics Lab.
Inc.
606 LaGrange St. (4)
Phone: CH 4-5827
- 1589. Johnson-Ruth Machinery
Co.
2449 Hill Ave. (7)
Phone: JE 1-1671
- 1590. Johnstone Machinery Co., E.
R.
300 S. St. Clair St.
Phone: CH 1-4240
- 1591. Jones Industrial Sales
4726 Dorr St. (7)
Phone: JO 1103
- 1592. Keefer Tool & Supply Co.
383 Phillips Ave. (12)
P. O. Box 6648
Phone: GR 2-2148
- 1593. Kenmore Tool Service
6340 Dorr St. (7)
Phone: UN 5-2322
- 1594. Kern Truck Sales Inc.
611 Daniels at Griffin St.
(9)
Phone: CH 3-2153
- 1595. Kirkby Machinery & Supply
Co., The
20-22 St. Clair St.
Phone: MA 2156-2157-2158
- 1596. Klatt & Co.
329-20th St. (2)
Phone: CH 3-4707
- 1597. Kuhn Co., Art
2040 Fulton St.
Phone: CH 1-9172
- 1598. Latrobe Steel Co.
1230 Expressway, Dr. (8)
Phone: RA 9-1611
- 1599. Lincoln Electric Co., The
26 Main St. (5)
Phone: OX 3-3464
- 1600. Linn & Sons, Ray
2138 Madison Ave.
Phone: CH 1-7216
- 1601. Mahla Machinery Co.
3273 Masterlink Ave.
(14)
Phone: EV 5-4546
- 1602. Marleau Hercules Fence Co.
3600 Detroit
Phone: EV 5-4546
- 1603. McBeth Machinery Co.
3273 Masterlink (14)
Phone: EV 5-4546
- 1604. Midwest Die Supply Co.
4325 Harris St. (13)
Phone: GR 9-2271
- 1605. Midwest Fluid Power Co.
4325 Harris St. (13)
Phone: GR 9-2271
- 1606. Mill & Factory Supply Co.
317 10th St.
P. O. Box 938
Phone: CH 3-7232
- 1607. Miner Co., Vic
329 20th St. (2)
Phone: CH 3-8225
- 1608. Mitchell-Robie Inc.
3702 Upton Ave.
Phone: JE 6-1995
- 1609. Moore & Co.
4334 W. Central (6)
Phone: JE 1-2681
- 1610. Morris Co., S. G.
2639 Upton Ave. (6)
Phone: GR 5-9337
- 1611. Motch & Merryweather Ma-
chine Co.
2244 Sylvania Ave. (12)
Phone: GR 5-6752
- 1612. National Refining Co.
511 Carver Blvd. (7)
Phone: JE 6-1995
- 1613. National Refining Co.
1455 Miami St.
Phone: OX 1-3545
- 1614. Neff Equip. Co.
226 12th St. (3)

TOLEDO (cont.)

- 1615. Nelson Stud Welding Div.
518 Jefferson Ave. (4)
Phone: CH 3-6143
- 1616. Oakite Products Inc.
802 Lafayette St. (2)
Phone: CH 1-9657
- 1617. Oatis Machinery Co.
325 W. Central Ave. (10)
P. O. Box 69, Station "F"
Phone: CH 1-3251
- 1618. Odland Iron Works Inc.
829 Spencer St. (9)
Phone: EV 5-2569
- 1619. Ohio Belting & Transmission
300 N. Westwood Ave. (7)
Phone: JE 1-1481
- 1620. Oliver-Ingalls Inc.
369 Spitzer Bldg. (4)
Phone: CH 3-1937
- 1621. Paulen, Hal
3548 Claudia Dr. (14)
Phone: EV 2-1149
- 1622. Peerless Tool Service Inc.
3628 Detroit Ave. (12)
Phone: 5781
- 1623. Peninsular Steel Co., The
25 Sylvania Ave. (12)
Phone: GR 4-3488
- 1624. Progressive Welder Sales
Co.
4531 286th St.
Phone: CH 1-1341
- 1625. R & O Tool Service Co.
197 S. St. Clair St. (4)
Phone: CH 2-1088
- 1626. Reliable Belting & Trans-
mission Co.
1515-19 Cherry St. (4)
Phone: CH 8-2605
- 1627. Reliance Electric & Engrg.
Co.
3138 Dorr St.
Phone: JE 1-1478
- 1628. Reynolds Machinery Co.
2219 Easbrook Dr. (13)
P. O. Box 43 - Station "H"
Phone: GR 2-6043
- 1629. Ruse Co., C. R.
6230 Hill Ave. (7)
Phone: UN 5-4965
- 1630. Ruth Co., The Jack H.
1100 Bush St. (11)
Phone: OX 3-6531
- 1631. Sailade, Andrew
3683 River Rd. (14)
Phone: CH 1-1141
- 1632. Sanderson, G. E.
2127 Potomac Dr.
Phone: JE 6-1083
- 1633. Sasco Sales
1582 Laskey Rd. (12)
Phone: GR 4-8724
- 1634. Sauber Co., R. C.
5222 Sandra Dr. (13)
Phone: GR 5-5764
- 1635. Schmit Co., A. M.
643 Sylvania Ave. (12)
Phone: GR 4-4215, 4-1141
- 1636. Sedgwick, E. G.
2714 Drummond Rd. (6)
Phone: GR 2-4384
- 1637. Shawaker Co., Ralph
17 17th St. (2)
Phone: CH 3-7825
- 1638. Skeldon Power Equip.
423 N. 13th St.
Phone: CH 3-7161
- 1639. Snap-on Tools Corp.
2932 Monroe St. (6)
Phone: CH 3-1026
- 1640. Staples, Otis E.
4218 Lancelot Rd. (13)
Phone: SY 2-5466
- 1641. Stellhorn Co., The
300 S. Summit St. (1)
- 1642. Sterling Electric Motors
Inc.
2054 Canton St. (2)
Phone: CH 3-8238
- 1643. Sunnen Products Co.
2526 Thoman Pl. (13)
Phone: GR 2-8830
- 1644. Sun Oil Co.
1601 Woodville St. (1)
Phone: OX 3-4461

- 1645. Syntrol Toledo Sales Co.
4104 Commonwealth Ave.
(12)
Phone: GR 2-2275
- 1646. Taylor Co., Harold G.
4023 Upton Ave. (13)
P. O. Box 15, Sta. "A"
Phone: GR 4-0516
- 1647. Taylor-Thompson Machin-
ery Co.
1313 Jefferson (2)
Phone: CH 2-8442
- 1648. Teague, Morris E.
105 17th St. (2)
Room 207, I.O.O.F. Bldg.
Phone: CH 4-8302
- 1649. Toledo Abrasive & Supply
Co.
2617 Adams St.
Phone: CH 4-8392
- 1650. Toledo Oxygen Co.
1310 Elm St.
- 1651. Toledo Saw, Knife & Grind-
ing Co.
632 Sterling St.
Phone: CH 1-8332
- 1652. Toledo Solvents & Chemi-
cals Co.
405 South Ave. (13)
- 1653. Toledo Stamp & Stencil Co.
125 N. Erie St. (2)
- 1654. Welders Needs Inc.
3839 Doyle Ave. (8)
P. O. Box 100-Station "D"
- 1655. Williams & Co. Inc.
946 Kane St. (12)
Phone: GR 5-8661
- 1656. Wilson, F. J.
635 Colburn St. (9)
Phone: CH 3-6748
- 1657. Wright Industrial Supply
Co.
4837 N. Detroit Ave. (12)
Phone: GR 4-5752
- 1658. Zahn & Co., E. G.
3827 Rushland Ave. (13)
Phone: GR 5-2382
- 1659. Ziv Steel & Wire Co.
1053 Custer Dr. (12)
Phone: GR 4-4728

TROTWOOD

- 1660. Parsons, W. W.
Box 3065.
4837 Glencross Dr.
Phone: CR 7-2862

TROY

- 1661. Chaffee, W. J.
119 Jackson St.
- 1662. Dalton, Ralph L.
P. O. Box 250

TWINSBURG

- 1663. Ohio Crane Scales Co.
2132 Holmes Dr.
Phone: HA 5-4961

UNIVERSITY HEIGHTS

- 1664. Rothart, Alan
2334 Charney Rd.
Phone: YE 2-5382

VANDALIA

- 1665. Weltronic Co.
89 Waller
Phone: TW 8-4771

WADSWORTH

- 1666. Sterling Electric Motors Inc.
155 Franks Ave.
Phone: FE 4-2518
- 1667. Westney, C. M.
306 Westview Ave.
Phone: FE 5-6353
- 1668. Wynkoop, L. V.
428 Crestwood Ave.
Phone: CH 1-8036

WAPAKONETA

- 1669. Wapakoneta Machine Co.,
The
301 W. Pearl St.
Phone: RE 8-2364

WARREN

- 1670. Lynch, Harry
1416 Arthur St., NW.
Phone: EX 9-3147

1671. Reese Hardware & Supply Co.
P. O. Box 1070
N. River Rd. & N. Park Ave.
Phone: EX 9-1821
1672. Republic Steel Corp.
Republic Bldg.
Phone: EX 2-5111
1673. Tracey, Edward
2406 Northwest Blvd.
Phone: EX 2-5868
1674. Trumbull Supply & Mfg. Co.
317 S. Park
Phone: EX 2-2541
1675. Warren Hardware Co.
2903 Merritweather
Phone: EX 9-3125

WARRENSVILLE HEIGHTS

1677. Miller, George
20514 Kinghighway (22)
Phone: SK 2-5330
1678. Orben, C. M.
19119 Lanbury Ave.
Phone: SK 2-2927

WESTLAKE

1679. Abbey-Etna Machine Co.
869 Richmar Rd.
Phone: TR 1-5454
1680. Lelak, Claude A.
1810 Columbia Rd.
Phone: TR 1-1958
1681. Northwest Chemical Co.
1660 Westhill Blvd.
Phone: TR 1-6155
1682. Odell Co., M. P.
26614 Center Ridge Rd.
Phone: TR 1-8000
1683. Rockwell, Wm. F.
25764 Chaucer Dr.
Phone: TR 1-8000
1684. Szostek, Henry A.
3754 Canterbury Rd.

WEST TOLEDO

1685. G & J Bearing & Supply Co.
615 Phillips Ave. (12)

WICKLIFFE

1686. Schultz, Edward R.
2229 Buena Vista
Phone: WH 3-1828

WILLOUGHBY

1687. Bartlett, Kenneth S.
28276 Ridge Rd.
Phone: MU 1-2020
1688. Kennametal Inc.
4610 Beidler Rd.
Phone: WH 2-8800

WILLOWICK

1689. Carter, Ralph R.
520 E. Fairway Blvd.
Phone: WH 3-5219
1690. Morrison, Charles
29000 W. Willowick Dr.

WILMINGTON

1691. Beckett-Harcum Co.
1087 Wayne Rd.
Phone: FU 2-2577

WORTHINGTON

1692. ROC Engrg. & Sales
288 Park Blvd.
Phone: TU 5-1057
1693. Vanadium-Alloys Steel Co.
693½ High St.
Phone: TU 5-1144
1694. Wood Co., Henry M.
P. O. Box 248
Phone: AX 1-7797

XENIA

1695. Michaelson Co., B. L.
321 N. Monroe St.
Phone: DR 2-5496

YOUNGSTOWN

1696. Allis-Chalmers
25 E. Boardman St. (3)
Phone: RI 35175
1697. Aluminum Co. of Amer.
537 Ohio Edison Bldg.
Phone: RI 4-8671

1698. Bearing Distributors Inc.
236 W. Rayen St.
Phone: RI 4-5039

1699. Bearings Inc.
2007 South Ave.
Box 1076
Phone: RI 4-5013

1700. Beryllium Corp.
125 W. Commerce St. (3)
Phone: RI 6-2214

1701. Braeburn Alloy Steel Corp.
1122 E. Midlothian Blvd.
Phone: ST 8-4033

1702. Brenner Industrial Sales & Supply Co.
724 Canfield Rd. (7)
P. O. Box 3097
Phone: ST 8-6506

1703. Campbell, Tom W.
6 Oak Dr., Poland Branch
Phone: SK 7-2202

1704. Clark Controller Co., The
3119 Market St.
Box 2536
Phone: ST 2-1131

1705. Commercial Shearing & Stamping Co.
1775 Logan Ave. (1)
Phone: RI 6-8011

1706. Connors Co., Joseph P.
P. O. Box 3213
Phone: SK 8-5925

1707. Cutler-Hammer Inc.
5609 Market St. (12)
Phone: ST 8-8751

1708. Dearing Compressor & Pump Co.
561 Andrews Ave. (5)
P. O. Box 3628
Phone: RI 6-7805

1709. Economy Electric Co., The
545 Market St.
Phone: RI 6-7805

1710. Excelstor Stamp Works Co.
8 S. Phelps St. (7)
Phone: RI 6-7805

1711. Fisher Assoc. Inc., Harry
6960 Market St. (12)
Phone: SK 8-4569

1712. Fournier Co., Edw. G.
P. O. Box 2505
Rear 724, Canfield Rd. (7)
Phone: ST 2-8143

1713. General Electric Co.
272 E. Indianola Ave. (7)
Phone: ST 2-8143

1714. Kent Industrial Supply
602 W. Princeton Ave.
(12)
P. O. Box 3244
Phone: ST 2-2622

1715. Mahoning Valley Supply Co.
704 Youngstown-Poland Rd.
Phone: PL 5-2133

1716. Markusic Supply Co., The
D. P.
219 Steel St. (9)
Phone: SW 2-1131

1717. Moore Paul B.
6960 Market St. (5)
P. O. Box 3142
Phone: SK 8-3397

1718. Morris, S. G.
457 Orlo Lane (12)
Phone: ST 2-9310

1719. Northwest Chemical Co.
462 Ewing Rd. (12)
Phone: SK 8-2708

1720. Oakite Products Inc.
410 Wilkinson Ave. (9)
Phone: SW 9-4155

1721. Ohio Tool Supply Co.
2242 Logan Ave.
Phone: RI 7-8035

1722. Paddon Co. Inc.
6960 Market St. (12)
Phone: SK 8-1383

1723. Reliance Electric & Engrg. Co.
6911 Market St., Room 4
Phone: SK 8-2377

1724. Reynolds Metals Co.
5621 Market St. (12)
Phone: ST 8-4041

1725. Rotor Tool Co., The
202 Schween-Wagner Bldg. (3)
Phone: RI 4-8609

1726. SKF Industries Inc.
102 Shutrump Ct.
Wickliffe Section
Phone: SW 9-1361

YOUNGSTOWN (cont.)

1727. Snyder Bentley & Co.
1119-35 Manning Ave.
Phone: SW 9-1556

1728. Somers, Filler & Todd Co.
3705 Oakwood Ave. (9)
Phone: SW 9-1556

1729. Stambaugh Supply Co.
102 E. Commerce St. (1)
Phone: RI 4-3184

1730. Stambaugh-Thompson Co.
114 W. Federal St. (1)
Phone: RI 4-3184

1731. Steinberg Co., A. G.
2300 Dogwood Dr. (11)
Phone: SW 9-0671

1732. Sun Oil Co.
6331 Southern Blvd. (12)
Phone: SK 8-4581

1733. Taylor-Westerfield Inc.
2810 Market St. (7)
P. O. Box 2662
Phone: ST 8-6363

1734. Valley Industrial Trucks Inc.
1152 Meadowbrook Ave.
(2)
Phone: ST 8-4081

1735. Welders Sales & Service Co.
65 Essex St.
Phone: RI 7-8514

1736. Wiltis Industrial Sales
P. O. Box 1354 (1)
Phone: ST 2-5933

ZANESVILLE

1737. Bearings Inc.
738 Linden Ave.
Box 1031
Phone: GL 2-8437

1738. Fire Equip. & Welding Supply Co.
731 Main St.
Phone: GL 2-2746

1739. Industrial Supplies Co.
28 N. 7th St.
Phone: GL 2-2746

OKLAHOMA

ADA

1. Cavel, Hall W.
Route #3

BRISTOW

2. McAdams Pipe & Supply Co.
P. O. Drawer 658

DUNCAN

3. Duncan Equip. Co.
202-8 E. Main St.
Phone: 1216-3148
4. Western Welding Supply Co.
Box 129

ENID

5. Brueggemann Supply Co.
412 N. Independence
Phone: AD 7-3857
6. Failing Co., George E.

MUSKOGEE

7. Coburn Mfg. Co.
1701 S. Cherokee
Phone: CE 3-4481
8. Industrial Welding & Supply Co.
P. O. Box 603
9. Pate Industrial Supply
565 N. 4th St.

OKLAHOMA CITY

10. Acker, L. E.
1809 W. Main St. (4)
Phone: CE 2-3771
11. Allis-Chalmers
401 N. Harvey (1)
Phone: RE 9-1631
12. Aluminum Co. of Amer.
11 NW. 23rd St. (2)
Phone: JA 5-1537
13. Arst Equip. Co.
1301 W. Reno
Phone: CE 2-3741
14. Boggs Electric
6607 N. May
15. Bradley, W. A.
5001 N. Miller Blvd.
Phone: WI 3-5065
16. Carrier Corp.
5103 N. Shartel St. (18)
Phone: VI 2-1676

OKLAHOMA

17. Chain Belt Co.
201 Leonhardt Bldg.
228 NW. Second
Phone: CE 5-5997
18. Continental Oil Co.
200 N. Harvey (1)
Box 795
Phone: CE 2-1371
19. Dagwell-Dixie Co.
816 W. Main St.
Phone: CE 2-7871
20. Elder Co., John W.
1800 W. Main St.
Phone: CE 2-5365
21. Elevator Sales & Service Co. Inc.
1537 W. Main (4)
Phone: RE 9-1633
22. Fleck Bearing Co. (ROB-CO)
1801 W. Main (6)
Phone: RE 9-1633
23. General Electric Co.
119 N. Robinson St. (2)
Phone: RE 9-2574
24. Hart Industrial Supply Co.
726 W. Grand (1)
P. O. Box 1925
Phone: RE 9-2541
25. Hoover Equip. Co.
1900 Linwood Blvd. (1)
Phone: CE 6-3631
26. Independent Supply Co.
811 W. Grand Ave.
27. Industrial Gasket & Packing
801 S. Walker St.
Phone: RE 9-1421
28. Lees & Assoc., Henry
1410 Magdalena
Phone: ME 4-0728
29. Marshall Supply & Equip. Co.
1241 W. Main St.
Phone: CE 2-8838
30. Materials Handling Inc.
2560 NW. 20th
31. McRay Co., Charles R.
4405 N. Barnes (12)
Phone: JA 4-4033
32. Mideke Supply Co.
100 E. Main St. (2)
Phone: FO 5-7331
33. Minton Machinery Co.
1721 W. Main St. (4)
34. Moorlane Co.
203 S. Klein St.
P. O. Box 1862
Phone: RE 6-3591
35. Nix Industrial Supply Co.
P. O. Box 4926
2702 S. High St.
Phone: OR 7-6623
36. Oakite Products Inc.
29 E. Reno St. (2)
Phone: CE 2-3176
37. Poyster, Lewis A.
2808 NW. 44th
38. Public Supply Co.
1236 NW. 4th St.
39. Republic Supply Co.
Republic Bldg.
Phone: CE 3-4481
40. Reynolds Metals Co.
Clasen Terrace Bldg.
1411 Clasen Blvd.
Phone: JA 5-7527
41. Service Supply Inc.
401 S. Walker St.
P. O. Box 1043
Phone: CE 2-2577
42. SKIL Corp.
1535 W. Reno St. (4)
Phone: RE 6-0170
43. Turner Chain & Belt Co.
1345 W. Main St.
Phone: FO 5-0384
44. White Star Machinery & Supply Co. Inc.
10704 Sunnymeade Pl.
Phone: VI 2-4663
45. Whitton Supply Co.
1419 W. Reno Ave.

PONCA CITY

46. Kappel Engrg. Co.
207 Masonic Bldg.
P. O. Box 601
Phone: RO 5-3255

SALES OFFICES

OKLAHOMA

PONCA CITY (cont.)

47. Oakite Products Inc.
P. O. Box #2042
Phone: RO 5-3600

TULSA

48. Ahrens Sales Co.
1312 E. 41st St.
Phone: RI 2-3497
49. Airetool Mfg. Co., The
2603 E. 3rd St. (4)
Phone: WE 6-8852
50. Alemite Sales Co., The
1234 S. Detroit Ave. (1)
P. O. Box 199
51. Allied Bearings Supply Co.
Inc.
822-24 S. Boulder Ave.
Phone: DI 3-0164
52. Allis-Chalmers
320 E. Archer St. (3)
Phone: GI 7-9163
53. Allis Co., The Louis
1307 S. Boulder (1)
Room 407, IBM Bldg.
P. O. Box 1917
Phone: LU 7-2191
54. Ammco Inc.
2824 W. 40th (7)
Phone: LU 7-1123
55. Anderson Electric Co., C. B.
712 Oil Capital Bldg. (3)
Phone: GI 7-1123
56. Ardun Supply Co.
303 S. Frankfort
Phone: LU 7-2405
57. Arst Equip. Co.
403 S. Peoria (20)
Phone: LU 2-3091
58. Babcock & Wilcox Co., The
Suite 305, Shell Bldg.
1810 S. Baltimore (19)
Phone: LU 4-6153
59. Badeen, Mike
3119 E. 27th St.
Phone: RI 2-6543
60. Baker Engrg. & Equip. Co.
1111 S. Denver
Phone: LU 4-4851
61. Bellows-Valvair
1344 S. Harvard St. (12)
Phone: MA 6-3253
62. Bethlehem Steel Co.
1810 S. Baltimore Ave.
(19)
Phone: LU 5-9281
63. Bethlehem Supply Co.
P. O. Box 217 (2)
Phone: LU 5-8838
64. Bishop Engrg. Co.
F. O. Box 7031
1649 E. 54th St. (18)
Phone: RI 2-2371
65. Blackman & Nuetzel Ma-
chinery Co.
114 W. Archer St.
Phone: LU 5-8050
66. Bliss & Laughlin Inc.
1637 E. 55th St. (5)
Phone: RI 2-8636
67. Bridgeport Brass Co.
619 S. Main St.
Phone: LU 5-8838
68. Bright Co., G. F.
P. O. Box 4564
Phone: LU 4-1534
69. Burke & Co., John G.
3209 W. 21st St. (1)
P. O. Box 1652
Phone: DI 3-9161
70. CSA
2420 W. Skelly Dr. (7)
Phone: HI 6-5511
71. Century Electric Co.
Room 1022, Kennedy Bldg.
4th & Boston St. (3)
Phone: GI 7-8221
72. Chamberlin, R. C.
2626 E. 33rd St.
Phone: RI 7-8004
73. Chicago Pneumatic Tool Co.
3129 S. Winston Ave. (5)
Phone: RI 2-2475
74. Clark Bearing Specialties &
Supply Co.
321 W. 2nd St.
Phone: GI 7-1527
75. Crane Packing Co.
210 Midco Bldg. (3)
Phone: LU 2-6340
76. Cutler-Hammer Inc.
2570 S. Harvard Ave. (14)
Phone: RI 7-7531
77. Dana Supply Inc.
706 Kennedy Bldg. (3)
Phone: LU 7-2382
78. Daniels Co., C. D.
418 Ritz Bldg.
Phone: CH 2-1990
79. Deem, Dallas S.
1215 S. St. Louis Ave. (20)
Phone: DI 3-8716
80. Denison Engrg. Div.
208 Wright Bldg. Annex
3rd & Cheyenne
Phone: GI 7-1926
81. Dewey Supply Co.
403 Orpheum Bldg.
Phone: LU 7-6651
82. DoALL Tulsa Co.
1117 S. Main St.
Phone: LU 7-6651
83. Doolittle, Norman A.
1850 E. 16th Pl.
Phone: MA 6-9114
84. Duennen & Co., Robert
P. O. Box 1633 (1)
Phone: CH 2-3645
85. Edwards Inc., Allan
P. O. Box 7218
86. Eggelhof Engineers Inc.
1524 Hunt Bldg. (3)
Phone: LU 5-5788
87. Elder Co., John W.
1526 E. 4th St. (8)
P. O. Box 3395
88. Emerson Co., A. A.
1837 S. Peoria
Phone: RI 2-6513
89. Engrg. Supply Co.
1124 E. 4th St.
P. O. Box 3007
Phone: DI 3-8121
90. Engrg. Test Services Inc.
910 S. Boston Ave.
Phone: LU 2-7005
91. Fish Pneumatic Engrg.
P. O. Box 8237
Phone: TE 5-5850
92. Gardner-Denver Co.
6746 E. 11th St. (16)
P. O. Box 5068, Donaldson
Sta.
Phone: TE 5-1531
93. Garlock Packing Co., The
816 E. 4th St. (20)
Phone: LU 3-5715
94. General Controls Co.
1316 S. Peoria Ave. (20)
Phone: DI 3-0054
95. General Electric Co.
320 S. Boston Ave. (3)
Phone: LU 5-8267
96. General Machinery & Equip.
Co.
2441 E. King St. (8)
P. O. Box 3128
Phone: WE 9-0929
97. Gorton-Howell Machinery
Co.
217 E. 3rd St. (3)
Phone: LU 4-4778
98. Graves Co., Ernie
111 E. 14th St. (19)
Phone: DI 3-9237
99. Hart Industrial Supply Co.
215 E. 1st St.
Phone: LU 3-2175
100. Hewitt-Robins
310 Thompson Bldg.
Phone: CH 2-1052
101. Hobart Welder Sales & Ser-
vice
1535 S. Yale (15)
102. Hodges Co., Tom
5292 E. 11th St.
Phone: WE 9-0894, 5
103. Hodgson Equip. Co.
1501-7 E. 7th St.
Phone: DI 3-7227,
CH 2-9419
104. Hulsey Machinery & Supply
1328 E. 6th St. (20)
Phone: LU 7-9080
105. Hunt, Clyde J.
1346 E. 36th Pl.
Phone: RI 7-6567

TULSA (cont.)

106. I-T-E
816 E. 6th St. (20)
Phone: LU 4-3518
107. Indel Supply Inc.
8749 E. 12th St.
Admiral Sta., Box 15799
108. Industrial Equip. Co.
520 S. Peoria (1)
P. O. Box 2006
Phone: LU 5-1111
109. Industrial Gasket & Packing
1015 E. 3rd St.
Phone: LU 7-2365
110. Industrial Machine & Tool
615 N. Sheridan Rd.
Phone: LU 5-5641
111. Industrial Sales & Engrg.
Co.
Rooms 800-800A, Tele-O-
Sec Bldg.
4407 S. Peoria (5)
Phone: RI 3-3610
112. Ingersoll-Rand Co.
407 S. Peoria Ave. (20)
Phone: GI 7-0157
113. Johns, Leo
P. O. Box 5348 (1)
Phone: WE 6-3618
114. Jones Co., The Jimmie
1016 E. 4th St. (10)
115. Jones & Laughlin
108 N. Trenton
116. Kelleher Equip. Co.
171 E. 1st St.
Phone: CH 2-7111
117. Ketch, Leo C.
4649 E. 59th St.
Phone: RI 2-8418
118. Kimball Chemical Co.
P. O. Box 7224
119. Knight-Gordon Engrg. Co.
211 Tuloma Bldg.
Phone: LU 4-4491
120. Krisman Industrial Supply
Co.
P. O. Box 1319
306-8 E. 4th St. (3)
Phone: DI 3-6213
121. Leeds & Northrup Co.
8 E. 4th St. (3)
Phone: GI 7-3720
122. Le Roi Div.
Suite 307-A IBM Bldg.
1307 S. Boulder (19)
Phone: LU 4-3575
123. Lincoln Electric Co., The
2730 Sand Springs Rd. (1)
Phone: DI 3-3141
124. Linde Co.
2901 S. Harvard Ave. (24)
Phone: RI 2-5524
125. Luce Industrial Supply Co.
210 N. Denver Ave.
Phone: DI 3-9797
126. Machine Tool & Supply Co.
215 E. 1st St.
P. O. Box 2329
Phone: LU 3-2175
127. Mann & Assoc., Claude
42 S. 69th E. Ave. (12)
P. O. Box 8237
Phone: LU 5-9902
128. Marathon Electric Mfg.
Corp.
P. O. Box 886
430 N. Cincinnati (1)
Phone: GI 7-0520
129. Marshall Supply & Equip. Co.
920 E. Archer St. (1)
P. O. Box 1326
Phone: LU 4-5275
130. Martin, Julian F.
1603 Troost St. (20)
131. Martin Machine Tool Co.
514-516 S. Peoria (1)
Phone: LU 5-5641
132. Martin & Son Machine Tool
Co., Rex
1740 E. 6th St. (4)
Phone: LU 5-5641
133. Martin Supply Co.
626 E. 3rd St.
Phone: LU 5-5541
134. Mason Co., William H.
801 W. 23rd St.
Phone: LU 5-8138
135. Materials Handling Inc.
4450 E. Admiral Pl. (8)
Phone: MA 6-5752
136. McDermott Inc., Barr
4407 S. Peoria
Phone: RI 3-3628
137. Metal Goods Corp.
P. O. Box 8337
1623 N. 71st East Ave. (13)
Phone: GI 7-4101
138. Midwest Supply Co.
719 N. Lewis St.
Phone: WE 2-1030
139. Moorlane Co.
409-11 E. Archer (1)
P. O. Box 1679
Phone: LU 4-7101
140. Morrow Engrg. Specialties
Co.
P. O. Box 3775
Utica Square 23
Phone: DI 3-1345
141. Nix Industrial Supply Co.
2525 Sand Springs Rd.
Phone: DI 3-8916
142. Nuetzel Machinery
Room 600, Tel-O-Sec
Bldg.
4407 S. Peoria
Phone: RI 3-3628
143. Oakite Products Inc.
742 E. Archer St. (20)
Phone: DI 3-6246
144. Oklahoma Oxygen Co.
2750 Sand Springs Rd.
P. O. Box 910
Phone: DI 3-9138
145. Oklahoma Wood & Drain-
board
6314 E. 15th St.
146. O'Melia, William E.
329 E. 1st St. (20)
Phone: RI 7-5862
147. Pauling, R. E.
201 Wright Bldg., Annex
115 W. 3rd St. (3)
Phone: LU 5-9504
148. Peterson, V. H.
3216 E. 21st Pl.
Phone: WE 9-0290
149. Power Machinery Co.
3900 S. Memorial (5)
Phone: RI 3-2535
150. Precision Tool Sales
16 N. Cheyenne
Phone: LU 5-9204
151. Republic Steel Corp.
2001 Philtower Bldg. (3)
Phone: DI 3-6263
152. Reynolds Metals Co.
224 Utica Bldg.
2010 S. Utica
Phone: RI 3-1366
153. Riddle & Hubbell Co.
362 S. Cheyenne Ave.
(1)
P. O. Box 727
Phone: LU 5-5624
154. Riggs Co., Wm. L.
600 S. 129th East Ave.
(12)
P. O. Box 5002
Phone: TE 8-1576
155. Roach Equip. Co.
801 W. 23rd St. (7)
P. O. Box 9457
Phone: LU 5-1250
156. SKF Industries Inc.
608 Mayo Bldg.
420 S. Main St. (3)
Phone: DI 3-1097
157. Sheriff Sales Co., Don
3857 S. Sheridan
Phone: RI 3-2528
158. Sherman, M. B.
1341 S. Boston St.
Phone: GI 7-0514
159. Sinclair Refining Co.
P. O. Box 521
160. Snyder Co. Inc.
1432 E. 6th St. (20)
161. Solomon, L. T.
2914 74th E. (14)
Phone: TE 6-4208
162. South Chester Corp.
1527 Hunt Bldg. (3)
Phone: CH 2-1284
163. Southwest Welding Supply
200 N. Denver

TULSA (cont.)

164. Standard Products Inc.
2206 N. Sheridan
Phone: TE 5-1587
165. Stephens Machinery Co.,
Robert R.
2010 S. Utica St., Room
220 (4)
Utica Bldg.
Phone: RI 7-4600
166. Stewart Engrg. & Equip. Co.
1341 S. Boston
167. Star Hardware & Supply Co.
P. O. Box 3308 (8)
Phone: MA 6-2145
168. Summerill Tubing Co. Div.
P. O. Box 1528 (1)
Phone: LU 7-2171
169. Syntrol Dallas Sales Co.
3857 S. Sheridan Rd.
Phone: RI 7-4600
170. Tyler-Dawson Supply Co.
6310 E. 13th St.
Phone: TE 5-7601
171. Wales Strippit Inc.
P. O. Box 1265
Phone: LU 2-0823
172. Warner & Swasey Co., The
208 Wright Bldg. Annex
125 W. 3rd St. (3)
Phone: LU 5-9736
173. Webb Supply & Equip. Co.
P. O. Box 3709
Phone: DI 3-8813
174. White Star Machinery &
Supply Co.
3316 E. 21st St. (14)
Phone: WE 2-3481
175. Wingo Machinery Co.,
George I.
1323 E. 5th St. (14)
Phone: GI 7-1331,
WE 9-8391
176. Wood Co., Chalmers R.
1537 E. 11th St.
Phone: LU 4-2333
177. Woodbury, Wm. G.
1654 E. 55th Pl.
Phone: RI 2-8912
178. Zephyr Awning & Iron
1539 S. Yale
13. Burton Saw & Supply Co.
449 Blair Blvd.
Phone: DI 4-8312
14. Eugene Welders Supply Co.
1574-6th St., W.
Phone: DI 5-7345
15. General Electric Co.
P. O. Box 352
1170 Pearl St.
Phone: DI 5-7345
16. Harmer Co.
209 Polk St.
Phone: 50317-18
17. Munnell & Sherrill Inc.
1620 W. 7th Ave., Box 3265
Phone: DI 5-8792
18. Myrmo & Sons, George
1937 Franklin Blvd.
Phone: DI 5-2345
19. Ore. Supply Co.
250 W. 4th Ave.
Phone: DI 5-2345
20. Spear & Jackson (U. S.) Inc.
581 Garfield
Phone: EU 4-4580
21. Wiles, Roy L.
2926 Lincoln St.
Phone: EU 4-4580

COLD HILL

22. Jeddleloh Brothers Mills Inc.
Phone: UL 5-1316

KLAMATH FALLS

23. Cascade Industrial Supply
Inc.
515 Market St.
Phone: 3711
24. Klamath Machine & Loco-
motive Works
P. O. Box 208
25. Moty & Van Dyke Inc.
678 Klamath Ave.

MEDFORD

26. Amer. Steel & Supply
703 S. Grape St.
P. O. Box 1346
Phone: ME 2-7181
27. Cal-Ore Machinery Co. Inc.
1105 Court St.
Phone: SP 3-4507
28. Fam Bearing Inc.
126 N. Front St.
29. General Electric Co.
P. O. Box 1349
107 E. Main St.
Phone: 2-5891
30. Hydraulic & Air Equip. Co.
P. O. Box 1572
Phone: 3-4079
31. Industrial Air Products Co.
P. O. Box 1506
Phone: SP 3-8778
32. Rogue Equip. Sales Inc.
2920 N. Pacific Hwy.
Phone: SP 3-4593
33. Southern Ore. Bearing Sales
Co.
301 N. Bartlett St.
P. O. Box 528
Phone: SP 2-7141
34. Top Line Equip. Co.
3360 N. Pacific Hwy.
Phone: SP 3-5023

NEWBERG

35. Stafford, J. J.
Route #2, Box 332
Phone: JE 8-4623

NORTH BEND

36. Industrial Steel & Supply
P. O. Box 824
Phone: SK 9-2731

OREGON CITY

37. Friedrich's
602 - 7th St.

PORTLAND

38. Abrasives Div.
1405 SW. 14th Ave. (1)
Phone: CA 3-1270
39. Acme Steel Co.
3044 NW. Pettygrove (9)
Phone: CA 2-1637
40. Aeroquip Corp.
635 NW. 16th Ave. (9)
Phone: CA 6-6021
41. Air-Mac Inc. of Ore.
2727 SE. Union (14)
Phone: BE 4-0511

ALEMITE Co. of the North-

- west
3323 NW. Yeon Ave. (10)
43. Allegheny Ludlum Steel
Corp.
Terminal Sales Bldg.
1220 SW. Morrison St. (5)
Phone: CA 8-2892
44. Allied Northwest Machine
Tool Corp.
1222 SE. 7th Ave. (14)
Phone: BE 4-7513-14
45. Allis-Chalmers
520 SW. 6th Ave. (4)
Phone: CA 2-9835
46. Allis Co., The Louis
2035 SW. 58th Ave. (1)
Box #7736
Phone: CA 2-9403
47. Aluminum Co. of Amer.
1115 U. S. National Bank
Bldg. (4)
Phone: CA 2-9861
48. Amer. Steel Warehouse Co.
425 NE. 9th Ave.
Phone: BE 2-9111
49. Atkins Saw Div.
337 NE. 10th Ave. (14)
Phone: BE 4-7306
50. Bach Electric, Pete
1233 NW. 12th Ave. (9)
Phone: CA 7-2173
51. Baker Industrial Trucks
5320 SE. 26th Ave. (2)
Phone: BE 4-5485
52. Barbo Machinery Co.
201 SW. 1st Ave.
524 N. Tillamook (12)
Phone: WE 3291
54. Bearing Sales & Service Inc.
1645 NW. Hoyt St. (9)
Phone: CA 3-6301
55. Bellows-Valvair
717 SE. Main St. (9)
Phone: BE 4-2672
56. Berg-Evans Chain Co.
240 SW. 1st St.
57. Bethlehem Steel Co.
Pacific Coast Div.
1010 SW. 14th Ave. (5)
Phone: CA 2-1841
58. Bobbs Air-Draulic Co., Ray
218 SE. 12th St. (14)
Phone: Dial 503-BE 2-6133
59. Boyd Co., A. B.
930 SE. Oak St. (14)
Phone: BE 5-6649
60. Branom & Leeland Instru-
ment Co.
6019 NE. Union Ave. (11)
Phone: BU 5-5205
61. Brezee Supply Co.
3321 NW. Yeon Ave. (14)
Phone: CA 7-5447
62. Brown Bearing Co.
715 NE. Davis St. (12)
Phone: BE 2-6188
63. Burcham Co., Don H.
510 NW. 19th St. (8)
P. O. Box 4098
Phone: CA 6-4148
64. Butcher Co., L. H.
2730 NW. 31st St. (10)
Phone: CA 8-9676
65. CSA
2330 NW. Raleigh St. (10)
Phone: CA 2-1768
66. Caldwell Machinery Co.
738 NW. Gilson St. (9)
Phone: CA 6-3568
67. Carlson & Assoc., Fred W.
935 NW. 12th Ave. (9)
Phone: CA 8-3798
68. Cascade Tool Sales
1405 SW. 14th Ave. (1)
Phone: CA 3-1270
69. Century Electric Co.
1238 NW. Gilson St. (9)
Phone: CA 6-6251
70. Chain Belt Co.
2310 NW. 24th Ave. (10)
Phone: CA 3-6121
71. Chicago Rawhide Mfg. Co.
828 SE. Hawthorne Blvd.
(14)
Phone: BE 4-0268
72. Chown Hardware Co.
333 NW. 16th Ave.
Phone: CA 6-3601

OREGON

PORTLAND (cont.)

73. City Rubber Stamp Co.
400 SW. 2nd Ave. (4)
74. Cutler-Hammer Inc.
405 Concord Bldg.
208 SW. Stark St. (4)
Phone: CA 7-2405
75. Daley & Assoc., Russell G.
735 NE. Royal Ct. (12)
Phone: BE 4-7784
76. Davis Industrial Products
Co.
338 NW. 6th Ave. (9)
Phone: CA 8-6211
77. Davis Supply Co., A. W.
2351 NW. York St. (10)
78. Davis Welding Products Inc.
1415 NW. 22nd at Petty-
grove
Phone: CA 6-6262
79. Donal Co.
Box 7013
3139 SW. Altadena Terrace
Phone: CH 6-3131
80. Edelme, E. A.
5621 SE. Belmont St. (15)
Phone: BE 2-5539
81. Edstrom, J. E.
1224 SW. Morrison St. (5)
Phone: CA 7-1702
82. Euler Co., Harry M.
2811 NE. Gilson St. (12)
Phone: BE 6-4513
83. F & M Co.
2315 SW. 1st Ave. (1)
84. Fatmir Bearing Co., The
1202 NW. 17th Ave. (9)
Phone: CA 7-0147
85. Fairbanks, Morse & Co.
105 SE. Taylor St. (14)
Phone: BE 2-0131
86. Finkbeiner, E. A.
816 Lewis Bldg.
Phone: CA 8-2191
87. Garland-Affolter Engrg.
Corp.
1233 NW. 12th Ave. (9)
Phone: CA 3-7349
88. Garlock Packing Co., The
1036 NW. 18th Ave. (9)
Phone: CA 8-7649
89. General Controls Co.
4611 SE. Boise St. (6)
Phone: BE 4-9373
90. General Electric Co.
2929 NW. 29th Ave. (7)
P. O. Box 909
Phone: CA 8-0281
91. General Tool Co.
325 NW. 15th Ave.
Phone: CA 6-3411
92. Goodyear Rubber & Supply
Co.
205 NW. 5th Ave. (9)
Phone: CA 6-6671
93. Great Western Chemical Co.
3720 NW. Yeon
Phone: CO 6-2451
94. Greaves Co., Fred
8046 SE. Mill St. (15)
Phone: FR 4-1388
95. Hall Tool Co.
1724 SE. Grand Ave. (14)
Phone: EM 4111
96. Hallidie Machinery Co.
1915 NE. Union (12)
Phone: AT 3-2244
97. Removed.
98. Harmer Steel Products &
Supply Co.
1515 NW. Hoyt St. (9)
Phone: CA 3-3117
99. Harrington Co., Larry
1971 NW. Lovejoy St.
Phone: CA 8-4324
100. Haseltine & Co., J. E.
115 SW. 2nd Ave. (4)
Phone: CA 8-7511
101. Heller Tool Co.
6500 NE. Halsey St. (13)
Phone: AT 2-2419
102. Hewitt-Robins
714 NE. 1st Ave. (14)
Phone: BE 4-9658
103. Hoe & Co. Inc., R.
2700 SE. Tacoma St. (2)
Phone: BE 4-9501

OREGON

ASTORIA

1. Fisher Brothers Co.
1210 Marine Dr.

BAKER

2. Basche-Sage Hardware
Main & Broadway
3. Langrell's Trading Post
2110 Broadway

COOS BAY

4. Farr's
800 S. 1st St.
5. Pioneer Hardware Co.
P. O. Box 659
Phone: CO 7-3119

CORVALLIS

6. Roeser's Supply Co.
341-347 S. 2nd St.
Phone: PL 2-3445

DAYTON

7. Dabney, Blaine
Box 240
Phone: DA 6X13

EUGENE

8. Air-Mac Inc. of Ore.
375 E. 5th
P. O. Box 653
Phone: 3-2931
9. Amer. Steel & Supply Co.
44-51 7th Ave. E.
Phone: DI 5-0373
10. Barnum Tool Co.
2629 Franklin Blvd.
Phone: DI 5-0373
11. Bartells Co., E. J.
P. O. Box 691
Phone: DI 4-8726
12. Bearing Sales & Service Inc.
225 7th Ave., W.
Phone: DI 5-0325

SALES OFFICES

OREGON

PORTLAND (cont.)

104. Houghton & Co., E. F.
400 Concord Bldg.
208 SW. Stark St. (4)
Phone: CA 8-9211
105. Hunt, John B.
5611 SE. Yamhill St. (15)
Phone: CA 8-4107
106. Hutchinson & Assoc., H. L.
126 NE. Broadway (14)
Phone: AT 1-0007
107. Hydraulic & Air Equip. Co.
2316 NW. Savier St. (10)
Phone: CA 2-3295
108. Industrial Air Products Co.
3200 NW. Yeon Ave. (10)
Phone: CA 2-9231
109. Industrial Specialties Co.
940 SE. 7th Ave. (14)
Phone: BE 5-2173
110. Industrial Tool & Supply Co.
122 NE. Broadway (12)
Phone: AT 8-5739
111. Johnston, J. K.
P. O. Box 4274
6405 NE. 15th Ave. (8)
Phone: AT 2-6744
112. Karl's Machinery Sales Co.
35 N. Welder St. (12)
Phone: WE 5478
113. Kearns Co., James L.
P. O. Box 5108
114. Keeler, White-Portland
322 NW. 4th Ave. (9)
Phone: CA 7-0593
115. Keir Co., L. C.
116. Kleenair Products Co., Inc.
5329 NE. Sandy Blvd. (13)
Phone: AT 7-1191
117. Koop Industrial Sales & Service
916 SE. Sandy Blvd. (14)
Phone: BE 4-8188
118. La Grand Industrial Supply Co.
15 SW. Arthur St.
Phone: CA 7-3683
119. Laing Co., John C.
435 N. Tillamook (17)
Phone: AT 7-1867
120. Leeds & Northrup Co.
2035 SW. 58th Ave. (1)
Phone: CA 8-1604
121. Lincoln Electric Co., The
1034 NE. Russett St. (11)
Phone: BU 9-8881
122. Linde Co.
1205 NW. Marshall St. (9)
Phone: CA 7-2603
123. Lindsay Brothers
1504 NW. Johnson St. (9)
Phone: CA 7-6363
124. Lynn & Brooks
14110 SE. Upper Aldercrest Dr.
Phone: OL 4-8362
125. Mac-It Parts Co.
103 SW. Front St. (4)
126. Mangels Co., K. T.
7204 SE. 35th Ave. (2)
Phone: PR 5-5545
127. Manning Packing & Supply Co.
71 SW 2nd Ave. (4)
128. Marvin Co. Inc., J. H.
1233 NW. 12th Ave. (11)
Phone: CA 7-5845
129. McCorkle, C. B.
1005 SW. Wood
Phone: CA 8-2635
130. McGuire Bearing Co.
213 NW. 10th Ave.
Phone: CA 6-2678
131. Mesher Tool Co., Sam A.
1033-1037 SW. Front Ave. (4)
Phone: CA 7-6609
132. Micro Switch
2600 SE. Belmont (14)
Phone: BE 4-7481
133. Miller Electric Mfg. Co. Inc.
4760 N. Harvard
Phone: BU 5-1651
134. Minder Chain & Gear Co., J. W.
307 SE. Hawthorne Blvd. (14)
Phone: BE 6-1131

135. Montana Assay Office
610 SW. 2nd Av.
Phone: CA 2-3211
136. Montgomery Brothers
1632 NW. Johnson St. (9)
Phone: CA 3-4197
137. Moore & Co. Engineers Inc., C. C.
Falling Bldg. (4)
Phone: AT 9684
138. Muellerberg Machinery Co., J. F.
930 SE. Oak St. (14)
Phone: BE 4-8377
- 138A. Munnell & Sherrill Inc.
163 NE. 43rd St.
Phone: AT 1-0021
139. Murphy Industrial Supply
2316 NW. 22nd St. (10)
140. North Amer. Viking Drill Co.
3005 NE. Sandy Blvd. (12)
Phone: BE 4-8515
141. Oakite Products Inc.
3232 NW. Industrial (10)
Phone: CA 7-1281
142. O'Brien Co., John M.
32 N. Holman St. (17)
Phone: BU 5-4444
143. Ogle & Co. Inc., Jack
2505 SE. 11th Ave. (2)
Phone: BE 5-4080
144. Ohio Knife Co., The
116 SW. Pine St. (4)
Phone: CA 6-3431
145. Oregon Handling Equip. Co.
2949 NW. St. Helens Rd. (10)
Phone: CA 8-4196
146. Oregon-Portland Elevator Co.
322 NW. 8th Ave. (9)
147. Oxygen Supply & Equip. Co.
232 N. Welder St. (17)
Phone: AT 2-7763
148. P & M Distributing Co.
2186 NW. Wilson (10)
Phone: CA 6-2241
149. Pacific Electric Sales Co.
140 SE. 28th Ave. (15)
Phone: BE 5-4137
150. Pacific Machinery & Tool Steel
630 SE. Belmont St. (14)
Phone: BE 2-2147 (14)
151. Pacific Metal Co.
303 NW. Park Ave.
Phone: CA 7-0693
152. Pacific Pumping Co.
526 NW. Broadway (9)
Phone: CA 8-2121
153. Pacific Scientific Co.
1218 SE. 7th Ave. (14)
Phone: BE 4-9747
154. Peterson Supply Co.
20 NE. 20th Ave. (14)
155. Philpott Co., George M.
2353 NE. 21st Ave. (9)
156. Polich Inc., Andrew L.
734 NW. Glisan St. (9)
Phone: CA 3-6241
157. Portland Machinery Co.
208-216 SW. 1st Ave. (4)
Phone: CA 8-9633
158. Power Transmission Products
1107 NW. 14th Ave. (9)
Phone: CA 7-1271
159. Pratto Sales Co.
423 NW. Broadway (9)
Phone: CA 8-9701
160. Prentice Co., E. V.
2303 N. Randolph Ave. (17)
161. Prentice Material Handling Co.
924 N. Russell St. (12)
Phone: AT 2-3262
162. Rector Co., Harold E.
717 SE. Main St. (14)
Phone: BE 4-2672
163. Reynolds Metals Co.
2027 NW. Overton
Phone: CA 8-9474
164. Rucker Co., The
1744 SE. Hawthorne Blvd. (14)
Phone: BE 4-0341
165. Rueger Co.
516 Henry Bldg.
Phone: CA 8-0643

PORTLAND (cont.)

166. Rupp Co., Norman
103 SW. Front Ave. (4)
Phone: CA 8-4311
167. SKF Industries Inc.
1625 NW. Hoyt St. (9)
Phone: CA 8-4309
168. Saw Repair & Supply Co.
1713 SE. 7th Ave.
Phone: BE 2-3708
169. Schiefelbein, Ed
1730 NW. 25th Ave. (10)
Phone: CA 3-5345
170. Scientific Supplies Co.
3950 NW. Yeon Ave. (10)
171. Shaffer & Nelson Inc.
1001 SE. Water Ave.
Phone: FR 4-5517
172. Sherwood, Ken
1905 NE. 50th Ave. (13)
173. Simonds Abrasive Co.
6500 NE. Halsey St. (13)
Phone: AT 2-0933
174. SKIL Corp.
5616 NE. Glisan St. (13)
Phone: BE 4-7418
175. Slapper, Robert
940 SE. 7th Ave.
Phone: BE 5-2173
176. Smith, Stephen G.
1438 NW. Hoyt St. (9)
Phone: CA 7-1455
177. Smythe Co., Ray
729 W. Adler St. (5)
Phone: CA 3-2238
178. Standard Oil Co.
P. O. Box 950
Phone: CA 3-4161
179. Star Machinery Co.
3325 NW. Yeon Ave. (4)
Phone: CA 8-7395
180. Steel Product Co. of Ore.
4000 NW. St. Helens Rd. (10)
Phone: CA 7-5549
181. Sterling Electric Motors Inc.
738 NW. Glisan St. (9)
Phone: CA 8-4656
182. Swanton Inc., Harold R.
212 NW. 14th Ave. (9)
Phone: CA 7-0573
183. Swender Blue Print Co.
104 SW. 33rd Ave. (14)
184. Syntron Seattle Sales Co.
430 SE. 33rd Ave. (14)
Phone: BE 2-5687
185. Taraba Co., Joseph F.
1824 SE. 50th Ave. (15)
Phone: BE 4-6491
186. Tidewater Commercial
638 Morgan Bldg. (5)
187. Tiffany, D. C.
P. O. Box 1611 (7)
Phone: CA 7-0606
188. Top Line Equip. Co.
3210 SW. Corbett Ave. (1)
Phone: CA 8-8603
189. Tower Equip. Co.
P. O. Box 5766
Phone: OL 4-1745
190. Tudor & Assoc. Inc., J. A.
1004 SE. Belmont St. (14)
Phone: BE 2-1188
191. Union Supply Co.
1720 NW. Marshall (9)
Phone: CA 2-9163
192. U. S. Gypsum Co.
1885 SW. 6th Ave.
Phone: CA 7-2518
193. Valvoline Oil Co., Div. of Ashland Oil & Refining Co.
2308 N. Clark Ave. (12)
194. Van Waters & Rogers Inc.
3950 NW. Yeon Ave.
195. Wall-Western Inc.
1717 NW. 14th Ave. (9)
Phone: CA 8-6641
196. Wapakoneta Machine Co., The
4643 NE. 35th Ave. (11)
Phone: AT 4-5504
197. Welders Supply Co.
2313 NE. Union Ave. (12)
198. West Chemical Products Inc.
1001 SE. Water Ave. (5)
199. Western Gear Corp.
811 SW. 6th Ave. (4)
Phone: CA 2-9277

200. Western Industrial Manufacturers Sales Co.
716 NE. 3rd Ave. (14)
Phone: BE 4-9707
201. Western Industrial Supply Co.
208 SE. Hawthorne Blvd. (14)
Phone: BE 2-6640
202. Western Machinery Corp.
1035 SE. 9th Ave.
Phone: BE 6-4117
203. Winks Hardware, W. C.
1338 SW. Washington St. (5)
Phone: CA 7-5536
204. Woodbury & Co.
P. O. Box 3558 - Swan Island (9)
Phone: BU 5-4611
205. Wright & Co., Norman S.
3607 SW. Corbett St. (1)
Phone: CA 3-9860
206. Yancey Machine Tool Co.
4110 SW. Macadam

ROSEBURG

207. Bearing Sales & Service Inc.
460 NE. Garden Valley
Phone: OR 2-2603
208. Industrial Supply Co.
P. O. Box 432
209. Munnell & Sherrill Inc.
1958 SE. Stephens St., R. 4, Box 50
Phone: OR 3-3508
210. Nielson Saw & Mfg. Co.
P. O. Box 95

SALEM

211. Minder Chain & Gear Co., J. W.
1515 - 13th St., SE.
Phone: JU 1-2437
212. Salem Steel & Supply Co.
180 Court St.
Phone: EM 2-3678
213. Valley Welding Supply Co.
325 High St.
Phone: EM 4-4446
214. Valley Welding Supply
325 S. High St.
Phone: 4-4446

PENNSYLVANIA

ABINGTON

1. Barksdale Co.
1219 Old York Rd.
Phone: TU 7-2955
2. Battersby Corp.
1522 Old York Rd.
Phone: TU 4-6050
3. General Radio
1150 York Rd.
Phone: HA 4-7419
4. International Nickel Co. Inc., The
Abington Bldg.
1150 York Rd.
Phone: WA 4-6692
5. Jackson, Edward M.
1830 Old Orchard Rd.
Phone: TU 7-3504
6. Penn Scientific Products Co.
1000 Old York Rd.
Phone: TU 7-0375
7. Progressive Welder Sales Co.
1424 York Rd.
Phone: TU 4-7035
8. Ribble Co., C. H.
1219 Old York Rd.
Phone: TU 7-7755
9. Smart, Jr., Harold
1079 Huntingdon Rd.
Box 14
Phone: TU 4-6013

ALLENTOWN

10. Allen-Bradley Co.
842 Hamilton St.
Phone: HE 7-2481
11. Allis-Chalmers
1436 Hamilton St.
Phone: HE 4-9366

SALES OFFICES

PENNSYLVANIA

101. Tydeman & Son Inc., W. A.
2224 Industrial Dr.
P. O. Box 1105
Phone: UN 7-8655
102. Valley Supply & Equip. Co.
634 Steffe Blvd.
Phone: UN 6-9112

BLAIRSVILLE

103. Hunter Co., F. H.
Phone: ME 5-2101
104. Oakite Products Inc.
502 Market St.
Phone: BL 603

BRADFORD

105. Bovalrd & Seyfang Mfg. Co.
161 Main St.
Phone: FO 8-6125

BRADFORD WOODS

106. Dow Corning Corp.
Box 413, Wexford Run Rd.
Phone: AT 1-2979

BRAEBURN

107. Braeburn Alloy Steel Corp.
Phone: AC 4-6900

BRIDGEVILLE

108. Abrasive Engrg. Co.
Box 313
Phone: LE 1-0700

BRISTOL

109. Minn. Mining & Mfg. Co.
Box 119
Phone: WI 5-2300

BROOMALL

110. Hamlin, Ralph
903 Jamestown Rd.
Phone: KI 3-5381
111. Manning, Jr., M. A.
3075 Old Cedar Grove Rd.
Phone: EL 6-3295
112. Ohio Crankshaft Co., The
Malin Rd.
Phone: EL 6-1848
113. S-F Mfg. Corp., The
P. O. Box 162
Phone: EL 6-9220
114. Sweet Assoc., H. E.
2168 Brookthorpe Circle
Phone: EL 6-4545

BROWNSVILLE

115. Sun Oil Co.
Route 88, W. Brownsville
Phone: ST 5-7400

BRYN MAWR

116. Buckley, P. F.
P. O. Box 652
Phone: LA 5-7568
117. Cain & Assoc., Frank
P. O. Box 25
Phone: LA 5-4291
118. Kennedy, Howard
830 Lancaster Ave.
Phone: LA 5-0321
119. Kennedy, Raymond D.
Box 201
Phone: LA 5-4517
120. Resistoflex Corp.
830 Lancaster Ave.
Phone: LA 5-6159
121. Valdel Inc.
830 Lancaster
Phone: 5-0321
122. Vaux, George
320 Caversham Rd.
Phone: LA 5-4517

BUTLER

123. Dunham-Jackson Inc.
221 N. Monroe
Phone: BU 7-1975
124. Keystone Pipe & Supply
225 E. Cunningham St.

CAMP HILL

125. Oakite Products Inc.
R. D. 1
Phone: RE 7-3568

CANONSBURG

126. Willis, R. R.
110 Forest Dr.
Phone: WI 1-6190

12. Aluminum Co. of Amer.
1132 Hamilton St.
Phone: HE 3-7463
13. Carney Machinery Co.
Green & Meadow Str.
Phone: HE 3-5254
14. Carney-Stansfield Co.
270 E. Hamilton St.
Phone: HE 6-1577
15. Crowder Jr. Co., H. N.
446 Union St.
Phone: HE 5-1551
16. Cutler-Hammer Inc.
834 Hamilton St., Room J
Phone: HE 7-4469
17. East Penn Machinery Co.
P. O. Box 264
Phone: EX 5-2097
18. Garnet Supply Corp.
911-25 N. Lumber St.
Phone: HE 5294
19. General Electric Co.
1132 Hamilton St.
Phone: HE 5-963
20. Goodliffe & Son, J. W.
1101 N. Irving St.
21. Keystone Br. & Supply
Co.
Corner 2nd & Hamilton
Phone: HE 4-9696
22. Koenig, Walter
2552 S. Lumber St.
P. O. Box 57
Phone: SW 7-1564
23. Lock Equip. Co.
3rd & Washington Sts.
24. Mansberger, Joseph N.
3106 Lehigh St.
Phone: SW 7-4332
25. Marthinson, O. E.
1122 Hamilton
Phone: HE 7-1881
26. Metal Welding & Supply Co.
1724 Tilghman St.
27. Oakite Products Inc.
34-28 Union St.
Phone: HE 4-6494
28. Palmer-Bee Co.
501 Hotel Traynor
1436 Hamilton St.
Phone: HE 5-1896
29. Pennsylvania Supply & Mfg.
Co.
113 N. Church St.
Phone: HE 4-5295
30. Reynolds Metals Co.
956 Hamilton St.
Phone: HE 3-2851
31. Ritter Sons, P. S.
1348 N. 19th St.
32. Sun Oil Co.
Old Emmaus Pike, R. D. 2
Phone: HE 4-9531
33. Taylor & Co., Wm. H.
350 Hamilton St.
Phone: HE 4-7241

ALLISON PARK

34. Jupena, Donald G.
1810 Hedwig Dr., R. D. 1
Phone: FO 4-7788
35. Kreil, Gil
2457 Trotter Dr.
Phone: ST 1-2439

ALTOONA

36. Altoona Welding Supply Co.
Inc.
2210 Beale Ave.

AMBLER

37. Amchem Products Inc.
Phone: MI 6-1700
38. DeJure, George D.
39 N. Main St.
Phone: MI 6-1633
39. DeMaris Steel Service
103 Oak Ave.
40. Elliott, Edward H.
419 Wyndon Rd.
Phone: MI 6-7321
41. Erickson Tool Co.
39 N. Main St.
Phone: MI 3-5487
42. Lightfoot & Sons, Wm.
Skipack Pike
Phone: MI 6-2200

43. Miller, Heber J.
Valley Brook Rd. & Glen
Mawr Dr.
Phone: MI 6-1859
44. Rice, T. F.
Oak Terrace Country Club
Phone: MI 6-3595
45. Walsh, E. F.
702 Oak Terrace Dr.
Phone: VI 4-0310

ARDMORE

46. Bath & Co. Inc., John
121 Coulter Ave.
Phone: MI 2-9992
47. Carbine, Thomas J.
110 Linwood Ave.
Phone: MI 9-0509
48. Clark Controller Co., The
119 Coulter Ave.
Phone: GR 7-0707,
MI 2-0825
49. Conkling Co., Ira L.
Suburban Square
Phone: MI 2-2512
50. Cuno Engineering Corp., The
121 Coulter Ave.
Phone: MI 2-4041
51. De Laval Separator Co.
121 Coulter Ave.
Phone: MI 9-3237
52. Hertrich, Fred W.
39 E. Golfview Rd.
Phone: HI 6-0482
53. Kearney & Trecker Corp.
Suburban Square Bldg.,
Room 400
Phone: MI 9-3150
54. McBeth Machinery Co.
206 Suburban Square
Bldg.
Phone: MI 9-2281
55. Optical Apparatus Co.
130 Coulter Ave.
Phone: MI 2-1636
56. Powell, David
2143 Chestnut Ave.
Phone: MI 9-4078
57. Rothenheber & Co.
53 Cricket Ave.
Phone: MI 2-6911
58. Russell, Burdall & Ward
Bolt & Nut Co.
P. O. Box 629
Phone: MI 2-1717
59. Shoemaker & Co., John A.
35 E. Lancaster Ave.
P. O. Box 306
Phone: MI 2-6038
60. Warner & Swasey Co., The
Suburban Square Bldg.,
Room 801
Phone: MI 2-5401,
2-5402, 9-0132
61. Whiting Corp.
9 Rittenhouse Pl.
Phone: MI 2-8100

ATGLEN

62. Turtle, Fred M.
P. O. Box 43

BALA-CYNWYD

63. Acme Steel Co.
1 Bala Ave.
Phone: MO 4-6222
64. B-B Supply Co.
221 Rockhill Rd.
Phone: MO 4-8780
65. Calhoun Co., J. V.
349 Montgomery Ave.
Phone: GR 3-4477
66. Century Electric Co.
1 Bala Ave. Bldg.
Bala Ave. at City Line
Phone: GR 7-4407
67. Crane Packing Co.
5 E. Montgomery Ave.
Phone: MO 4-5385
68. Erlichman Co., Wm. I.
1 Bala Ave.
Phone: MO 4-9600
69. Esso Standard Div.
City Line Ave. & Esso Rd.
Phone: TR 8-0700
70. Goodrich Assoc.
126 Bala Ave.
Phone: MO 4-6436
71. Jackson Engrg. Co.
211 Ford Rd.
Phone: MO 4-9611

72. Maddock & Co. Inc.
55 E. Rock Hill Rd.
Phone: TR 8-4700
73. New Departure Div., GMC
7 Bala Ave.
Phone: MO 4-5874
74. Philadelphia Tool Co.
29 Bala Ave.
Phone: MO 4-8353
75. Product Machine Co., The
214 Rock Hill Rd.
Phone: MO 4-1010
76. Raymond, Keefe H.
9 Union Ave.
Phone: MO 4-8070
77. Reliance Electric & Engrg.
Co.
225 Bala Ave.
Phone: TR 8-5020
78. Stuckey, Dempsey S.
Barclay Bldg., Suite 515
1 Belmont Ave.
Phone: TR 8-8448
79. Townsend, Donald
728 Stradone Rd.
Phone: MO 4-2093
80. Uphouse, Harry G.
29 Bala Ave.
Phone: MO 4-8146

BEAVER

81. Davis, M. F.
1260 Park Pl.
P. O. Box 181
Phone: SP 5-2420
82. Patterson, M. S.
Poplar St., Mounted Route
9
Phone: SP 4-3541
83. Sun Oil Co.
State Rd., Vanport
Phone: SP 4-9440

BEAVER FALLS

84. Babcock & Wilcox Co., The
712 11th St.
Phone: TI 6-1300
85. Harbor Industries
Phone: TI 6-1220

BEDFORD

86. Bortz, George E.
729 Juliana Heights
Phone: BE 695

BELLEFONTE

87. Sutton Engrg. Co.
Phone: EL 5-4774

BERWYN

88. McAleese, John J.
551 Midland Ave.
Valley Forge Tool Corp.
584 Lancaster Ave.
Phone: NI 4-3938

BETHAYRES

90. Lange Co.
Box 94
Phone: TU 4-2994
91. Starrett, Philip E.

BETHEL PARK

92. Cooke-Wilson Electric Co.
3000 Oakhurst Rd.
93. Kovach Co., R. R.
37 Alton Dr.
Phone: TE 5-6506
94. Roberts, Robert D.
960 Logan Rd.
Phone: LO 1-6404

BETHLEHEM

95. Armitage Inc., K.
1938 Woodbury Rd.
96. Autolift Inc.
P. O. Box 1004
Phone: UN 8-7671
97. Bell & Whitaker Inc.
504 Hickory St.
Phone: UN 5-4424
98. Bethlehem Steel Co.
701 E. 3rd St.
Phone: UN 7-3551
99. Hajoca Corp.
1736 E. 4th St.
100. Raymond, Keefe H.
940 Walters St.
Phone: UN 8-2265

SALES OFFICES

PENNSYLVANIA

CARNEGIE

127. Milne & Co., A.
P. O. Box 541
Phone: AL 1-6125
128. Milne & Co. Inc., A.
Campbells Run Rd.
Phone: WA 2-1400
129. Ryerson & Son Inc., J. T.
Arch St. & Bell Ave.
Phone: WA 1-7540

CHALFONT

130. Associated Sales Co.
P. O. Box 266
Phone: VA 2-0719
131. Walte, Stanley B.
71 Hillcrest Ave.
Phone: VA 2-9441

CHAMBERSBURG

132. Girard Assoc.
P. O. Box 248
Phone: CO 3-4117

CHELTENHAM

133. Graf Co., John C.
501 Central Ave.
Phone: ES 9-8319
134. Hydraulic Service Co.
522 Cottman St.
Phone: FI 2-5445

CHESTER

135. Bridge Sons, J. F.
9th & Pennell Sts.
Phone: TR 4-6204
136. Galey Hardware Co.
803 Edgemont Ave.
Phone: SU 9-4527
137. Hardware & Supply Co. of
Chester
Edgmont & 4th Sts.
Phone: CH 3-6116
138. Tyson, Allan G.
9 W. 3rd St.
Phone: TR 6-7161
139. Urie & Blanton Welding
Supplies
P. O. Box 699

CLARION

140. Charles Tool & Supply Co.
1073 E. Main St.
P. O. Box 606
Phone: CA 6-9420

CLARK SUMMIT

141. Griffith, Don C.
P. O. Box 188
Phone: JU 6-9227
142. Vascoloy-Ramet Corp.
P. O. Box 188
Phone: 6-9227

CLIFTON HEIGHTS

143. Holdsworth & Co.
426 S. Springfield Rd.
Phone: MA 6-8300

COCHRANTOWN

144. Kraeling, J. B.

COLLEGEVILLE

145. Marcmann, Emil
Trappe
Phone: HU 9-9568

CONSHOHOCKEN

146. Colonial Abrasive Products
Co.
Phone: TA 8-2500
147. Gallagher Co., Walter B.
19 W. 1st Ave.
Phone: TA 8-6200

CORAOPOLIS

148. Benkart Steel & Supply Co.
4th Ave. & Thorn St.

CORAOPOLIS HEIGHTS

149. Abrasives Div.
201 Hyeholde Dr.
Phone: AM 4-4360

CORRY

150. Xander Co., The A1
523 Wright St.
Phone: 2-5551

CRESKO

151. Adjustable Clamp Co.
Price Dr.

DANVILLE

152. Kennedy-Van Saun Mfg. &
Engrg. Corp.
Phone: BR 5-3050

DEVON

153. Bell, P. Franklin
112 Hunters Lane
Phone: MU 8-5011
154. National Automatic Tool Co.
Inc.
237 Lancaster Ave.
Anro Bldg., Room 207
Phone: MU 8-4447
155. Shute, Henry C.
61 Steeplechase Rd.
Phone: MU 8-2732
156. Valley Forge Assoc.
Anro Bldg.
Phone: MU 8-6103

DOYLESTOWN

157. Barba, Jr., C. E.
10 N. Main St.
Phone: FI 8-9161

DRESHER

158. Selas Corp. of Amer.
Phone: MI 6-6600

DREXEL HILL

159. Brisben, H. A.
830 Ormond Ave.
Phone: SU 9-4527
160. Etzler Co., C. E.
804 Roberts Ave.
Phone: SU 9-8535
161. Ostrom & Co. Inc., K. Wm.
333 Shadeland Ave.
Phone: CL 9-1130
162. Rankin Co., Walter A.
4610 State Rd.
P. O. Box 186
Phone: CL 9-1313

DUNMORE

163. Franel Inc.
300 Balkely St. (12)
Phone: DI 3-1123

DUQUESNE

164. Industrial Distributors Inc.
101 Homestead-Duquesne
Rd.

EAST McKEESPORT

165. DoALL Pittsburgh Co.
905 Greensburg Ave.
Phone: FR 1-5200
166. Pitt Machinery Co.
701 Lincoln Hwy.
Phone: EL 1-1288

EASTON

167. Losey & Co. Inc.
122-124 S. 3rd St.
Phone: EA 3-3511
168. Schaller Co., R. T.
1627 Northampton St.
P. O. Box 29
Phone: BL 2-2435
169. Squier, Schilling & Skiff
1019 Northampton St.

EIGHTYFOUR

170. Proto Tool Co.
Nottingham Farms Rd.,
R. R. 1
Phone: WI 1-6603

ELLWOOD CITY

171. Chainveyor Corp.
523 York Ave.
Phone: PL 8-7657
172. Clark, Wm. E.
712 Skyline Dr.
Phone: PL 8-7424
173. Terminal Grinding Co.
303 Allenby St.
174. Townsend Co.
P. O. Box 71
Phone: PL 8-7504

EMMAUS

175. Jorgensen, W. S.
Box 171
Phone: WO 5-5358
176. Machinery Assoc. Inc.
629 Evergreen Ave.

ERIE

177. Ajax Magnethermic Corp.
Reed Bldg.
2230 W. 8th St.
Phone: GL 5-9604
178. Barney Machinery Co.
321 Beverly Dr.
Phone: ER 5-4375
179. Bearings Inc.
812 Buffalo Rd. (5)
Phone: GL 4-6349
180. Bellows-Valvair
28 W. 12th St.
Phone: GL 4-8086
181. Black & Decker
28 W. 12th St.
Phone: GL 6-2488
182. Boldt Machinery & Tools
16 W. 12th St.
P. O. Box 798
Phone: GL 2-6789
183. Boyd Welding Co.
160 E. 8th St.
Phone: ER 2-3564
184. C. G. L. Supply Co. Inc.
421 W. 12th St.
P. O. Box 1320
Phone: 4-4528
185. CSA
1134 Payne Ave.
Phone: GL 6-2085
186. Cheropovich, Nick
2616 Ash St.
Phone: GL 6-8212
187. Cleveland Tramrail Div.
2401 W. 12th St.
Phone: GL 6-4285
188. Cross Co., James H.
2765 W. 8th St.
Phone: 3-1104
189. Davis, W. O.
4807 Peach St.
Phone: UN 4-2922
190. Erie Industrial Supply Co.
1616 W. 8th St., Box 6004
Phone: GL 2-3231
191. Erie Industrial Trucks Inc.
1012 Liberty St.
Phone: GL 5-3607
192. Erie Mfg. & Supply Corp.
1215 Peach St.
Phone: 25-287
193. Erie Materials Handling Co.
2401 W. 12th St.
Phone: ER 4-5239
194. General Electric Co.
1001 State St. (2)
Phone: 4-1551
195. Greenleaf Co., Walter J.
Keech St.
P. O. Box 617
Phone: GL 2-3385
196. High Pressure Equip. Co.
Inc.
1222 Linden Ave.
Phone: TE 8-2028
197. Hillier Co., Ralph A.
21 W. 11th St.
Phone: ER 3-3365
198. Houghton & Co., E. F.
Box 337
Phone: GL 5-4505
199. Keep Lift Trucks
1625 Ash St.
Phone: 5-5090
200. Kimmel Rubber Stamp &
Printing
920 W. 12th St.
201. Klingensmith & Assoc., B. C.
349 Arbuckle Rd.
Phone: TW 9-2750
202. Kramer Co., Christian G.
1011 Holland St.
Phone: GL 5-2060
203. MacInnes Steel Sales Co.
202 Marine Bank Bldg.
Phone: GL 6-7094
204. Mallery, Walter C.
236 E. 9th St.
Phone: 2-4262
205. Marathon Electric Mfg.
Corp.
12th & Cranberry Sts.
Phone: GL 2-6436
206. McDaniels Machinery Co.
727 Napier Ave.
Lawrence Park
Phone: TW 9-4580
207. Merit Machinery Inc.
407 Young Rd.
Phone: ER 9-3024
208. Modern Machinery Sales Co.
1565 W. 12th St.
Phone: 6-2729, 5-5664
209. Motch & Merryweather Ma-
chinery Co., The
627 Connecticut Dr.
Phone: ER 4-5151
210. Oakite Products Inc.
1258 W. 18th St.
P. O. Box 1417
Phone: GL 4-5275
211. Perry Mill Supply Co.
1115 W. 12th St. (6)
Phone: ER 4-4501
212. Presque Isle Paper Products
Inc.
850 E. 8th St.
Phone: GL 6-5351
213. Reed Supply Co.
2230 W. 8th St.
Phone: 2-3369
214. Schabacker, Darrow W.
619 W. 6th St.
Phone: T-1181
215. Seaway Electric Supply Inc.
142 W. 12th St.
Phone: 6-4229
216. Sealar & Co.
Marine Bank Bldg.
217. Sun Oil Co.
E. Lake Rd. & Carver Ave.
Phone: TW 9-3131
218. Tri-State Machinery Co.
1804 Asbury Rd.
Phone: TE 3-1295
219. United Industrial Supply Co.
1816 German St.
220. Ulrich, Paul R.
1045 W. 26th St.
Phone: 4-4966
221. Warner & Swasey Co., The
28 W. 12th St.
Phone: GL 2-4711
222. Weller Supply Co., H. P.
1913 Commercial St.
Phone: 2-1401
223. Wright, C. A.
302 Ariel Bldg.
Phone: 2-2867

EXETER

224. Sun Oil Co.
7 Kern St.
Phone: OL 4-6795

FALLS CREEK

225. Goss Brothers Welding Sup-
ply
3rd St.

FEASTERTVILLE

226. Penn Abrasive Co.
123 Orchard Lane
227. Moore, John C.
18 Brookside Dr.
Phone: EL 7-6086
228. Watson Hardware Co.
28 W. Street Rd.
229. Wendig, Robert E.
29 Brookside Dr.
Phone: EL 7-4252

FINLEYVILLE

230. Van de Water, G. E.
11 Ridge Ave.
Phone: DI 8-5523

FLOURTOWN

231. Ahlstrom, Mynott & Swart
1110 Bethlehem Pike
Phone: CH 8-3635
232. Campbell, J. M.
241 Arlington Rd.
Phone: AD 3-3247
233. Carlin Co. Inc., J. A.
1110 Bethlehem Pike
Phone: CH 8-3222
234. Production Tool Supply Co.
1411 Bethlehem Pike
Phone: CH 8-3372
235. Wert, Charles H.
P. O. Box 404
Phone: TU 4-8844

FORT WASHINGTON

236. Carpenter Steel Co., The
Fort Washington Industrial Park
Phone: CH 8-2500
237. Elox Corp. of Mich.
Fort Washington Industrial Park
P. O. Box 385
Phone: MI 6-7900
238. General Controls Co.
125 Indiana Ave.
P. O. Box 276
Phone: MI 6-7040
239. Hewitt-Robins Co.
Fort Washington Industrial Park
Phone: MI 6-3900
240. Leeds & Northrup Co.
Fort Washington Industrial Park
Phone: MI 6-5500

FRANKLIN

241. Chicago Pneumatic Tool Co.
Howard St.
Phone: ID 2-3161
242. Jolley Industrial Supply Co.
Oil City-Franklin Rd.
Phone: ID 2-2149
243. Larsen, L. J.
206 Exchange Bank Bldg.
Phone: ID 2-3226
244. Lincoln Electric Co., The
741 Liberty St.
Phone: ID 2-3519
245. Syntrol Pittsburgh Sales Co.
R. D. 1
Phone: ID 2-2782

FREEDOM

246. Valvoline Oil Co.
6th St. at 3rd Ave.

GIBSONIA

247. Espley, William E.
P. O. Box 197
Phone: HI 3-5680

GLENHOLDEN

248. Tarr, R. E.
940 Maple Ave.
Phone: LU 3-2256

GLENSHAW

249. Anderson, F. C.
Box 194
1310 Wm. Flynn Hwy.,
Route 8
Phone: HU 6-3121
251. Harrigan, Vincent J.
1808 Park Circle Dr.
Phone: HU 6-6420
252. Kraeling, H. A.
Morewood Rd.
253. Meenan, Thomas A.
107 Cherrywood Dr.
Phone: HU 6-7775

GLENSIDE

254. Abrasive Cutting & Engrg. Co.
110 S. Keswick Ave.
Phone: TU 7-2414
255. Ajax Electric Salt Bath
Furnaces
124 S. Easton Rd.
Phone: TU 7-1776
256. Clark Co., John P.
124 S. Easton Rd.
Phone: TU 7-1776
257. Eriex Mfg. Co.
P. O. Box 178
Phone: TU 4-0331
258. Glasby, Herbert S.
494 Plymouth Rd.
Phone: TU 4-9694
259. Holland, Stanley R.
124 S. Easton Rd.
Phone: TU 7-1832
260. Reddy & Co., J. T.
163 S. Easton Rd.
Phone: TU 6-7960
261. Robbins, Robert F.
110 S. Keswick Ave.
Phone: TU 7-2414

262. Sahrns, Frank F.
519 Twickenham Rd.
Phone: TU 4-2559
263. Seaboard Assoc.
P. O. Box 251
Phone: TU 4-2653
264. Spindell, Philip E.
730 N. Easton Rd.
Phone: TU 7-7400
265. Veeder-Root Inc.
130 S. Easton Rd.
Phone: TU 7-0708

GREENSBURG

266. Harvey Co., The
S. Main St.
Phone: 1015
267. Henkel, R. A.
303 Center Ave.
Phone: TE 7-4030
268. J. & W. Tooling Inc., The
518 Ridgeway Ave.
Phone: TE 4-4840
269. Sinclair Refining Co.
P. O. Box 788
Phone: GR 850
270. Sun Oil Co.
Roosevelt Way & Route 119
Phone: TE 7-4700
271. Westmoreland Hardware Co.
326 Mt. Pleasant St.
Phone: TE 4-0800

GROVE CITY

272. Johnstone Foundries Inc.
Park St.
Phone: GR 235, 236

HALLSTEAD

273. Bumpus, A. E.
New York Ave.
Phone: TR 9-2234

HARRISBURG

274. Appleby Brothers & Whitaker Co.
216 S. 2nd St.
Phone: CE 8-6174
275. Daystrom Inc.
1511 N. Front St.
Phone: CE 8-4276
276. Fork Lifts Inc.
835 N. Carmeron
Phone: CE 4-1113
277. General Machinery & Equip. Co.
140-144 S. 17th St.
Phone: CE 4-3082
278. Harrisburg Hardware Co. Inc.
236 2nd St.
279. Herr Welding Supply
1928 Greenwood St.
Phone: CE 8-6722
280. Houghton & Co., E. F.
P. O. Box 12
Phone: RE 7-2809
281. Lift Truck Service Inc.
4200 McIntosh Rd.
Phone: KI 5-2431
282. Raub Supply Co.
3865 Derry St.
P. O. Box 49
Phone: CE 8-1711
283. Snap-on Tools Corp.
210 S. 17th St.
Phone: CE 2-0854
284. Sun Oil Co.
Derry St. & Oberlin Rd.
Phone: JO 4-2000
285. Yale & Towne Mfg. Co., The
6691 Allentown Blvd.
P. O. Box 10
Phone: KI 5-5538

HATSBORO

286. Abrasives Div.
132 Byberry Ave.
Phone: OS 2-1660
287. Driscoll, J. Perry
328 W. Monument Ave.
Phone: OS 5-5970
288. Montgomery, Thomas
Huntington & Terwood Rd.
289. Quaker State Machine & Supply Co.
12 Newington Dr.

HAVERFORD

290. Davis, Jr., Berryman K.
268 Montgomery Ave.
Chicago Rawhide Mfg. Co.
355B Lancaster Ave.
Phone: MI 8-0854
292. Thomson-Willet Corp., The
Haverford Square Bldg.
Phone: MI 2-8166
293. Universal-Cyclops Steel Corp.
P. O. Box 179
Phone: MI 9-2500

HAVERTOWN

294. Beatty, L. R. & J. L.
919 E. Darby Rd.
P. O. Box 636
Phone: CR 6-1613
295. Holco
122 W. Chester Pike
Phone: SU 9-7477
296. Optical Gaging Products Inc.
122 W. Chester Pike
Phone: SU 9-7477
297. Sharbaugh, J. C.
11 Park Rd.
Phone: HI 7-1317
298. Thomson Mfg. Co., Judson L.
22 N. Manor Rd.
Phone: HI 6-8102
299. Transue, Gerald O.
1228 Bon Air Rd.
Phone: HI 6-6055

HUMMELSTOWN

300. Smith Hardware Co., E. B.
22 E. Main St.

HUNTINGDON

301. Miller Hardware Co., C. H.
708 Washington St.

HUNTINGDON VALLEY

302. Fostoria Corp.
Buck & County Line Rds.
Phone: HO 4-2000
303. Schick, William L.
266 Brae Bourn Rd.
Wheaton Co., W. E.
2867 Pine Rd.
Phone: WI 7-0871

INDIANA

305. National Mine Service, Whitman Div.
1260 Maple St.
Syntron Central Pa. Sales Co.
Rend Bldg.
Phone: HO 5-4865
307. Vascology-Ramet Corp.
166 Meadow Wood Rd.
Phone: HO 3-0070

IRWIN

308. Barry-Ward Supply Co.
405 Main St.
Phone: UN 3-2224
309. Irwin Auto Supply
319 Pennsylvania Ave.
Plastic Molded Parts Inc.
Route 5, Lincoln Hwy.
1112 9th Ave.
Phone: UN 3-6817
312. Simon & Assoc., S. Ray
300 Michaels Dr.
Phone: OR 3-5975

JENKINTOWN

313. Brennan, Robert J.
215 Rodman Ave.
Phone: TU 4-7129
314. Koppl, N. J.
The Benson-E. Townsley Line Rd.
P. O. Box 108
Phone: TU 4-6198
316. Morse Chain Co.
Center Bldg., Room 201
York Rd. at Greenwood Ave.
Phone: TU 4-8330
317. Pirie Industrial Products
P. O. Box 244
Phone: VI 8-5487
318. Riley & Aleshire Inc.
615 Greenwood Ave.
Phone: TU 4-1708

PENNSYLVANIA

319. Rotor Tool Co., The
Box 297
Phone: TU 7-4480
320. Sanford & Co.
221 Benson, E.
Phone: TU 7-8780

JOHNSTOWN

321. Bearings Inc.
107 Lincoln St.
Phone: 9-1101
322. Bethlehem Steel Co.
Bethlehem Bldg.
119 Walnut St.
Phone: JO 7-4455
323. General Electric Co.
841 Oak St.
Phone: 7-8764
324. Oakite Products Inc.
914 East Ave.
Phone: 35-1960
325. Quaker Sales Corp.
P. O. Box 870
Phone: JO 7-7541
326. Roth, Jr., Wm. A.
445 Somerset St.
327. Sun Oil Co.
Tunnel Ave., Riverside
Phone: JO 33-2111

KING OF PRUSSIA

328. Day Engrg. Co. Inc.
P. O. Box 535
Phone: BR 9-0100
329. Kelley Co., R. J. R.
532 Charles Dr.
Phone: BR 5-7386
330. S & S Assoc. Inc.
P. O. Box 6
Phone: BR 9-7192

KINGSTON

331. Autolift Inc.
414 Market St.
Box 1086
Phone: BU 7-1148
332. Harris Hardware & Supply Co.
660 Market St.
Phone: BU 7-2121
333. Morton Mill Supply Co.
25 W. Dorrance St.
Box 1186
Phone: BU 7-1296
334. Neale Co., J. L.
74 Wesley St.
Phone: BU 7-3155
335. Spaulding, Lee S.
P. O. Box 606
Phone: BU 7-1943

LAFAYETTE HILL

336. Daly, J. J.
4105 Jackson Dr.
Phone: AD 3-4494
337. Tools Inc.
638 Ridge Pike
Phone: TA 8-8881

LANCASTER

338. Hatfield Co., R. E.
165 E. King St.
Phone: EX 7-5177
339. Herr & Co. Inc.
Prince & Chestnut Sts.
Phone: EX 7-2841
340. Hill, Vernon G.
76 Fresh Meadow Dr.
Phone: TR 2-6036
341. Jackson, Henry W.
154 N. School Lane
Phone: EX 3-2234
342. Lightner Assoc., J. H.
428 E. King St.
Phone: EX 2-4529
343. Nick Steel Supply
66 W. Roseville Rd.
Penn Industrial Equip. Co.
P. O. Box 643
Phone: 4-6721
345. Raub Supply Co.
James & Mulberry Sts.
Phone: 7-6221
346. Reilly Brothers & Raub
44 N. Queen St.
Phone: EX 2-2131
347. Service Tool Supply
725 N. Pine St.

SALES OFFICES

LANCASTER (cont.)

348. Smith Co., Harold E.
617 N. Prince St.
P. O. Box 345
Phone: EX 7-2874
349. Steinman Hardware Co.
26-28 W. King St.
Phone: EX 7-5232
350. Williamson Assoc.
139 Nevins St.
P. O. Box 531
Phone: EX 7-0321
351. York, Allan W.
742 New Holland Ave.
Phone: EX 2-1080

LANSDALE

352. North Penn Steel Co.
Route 463, Cowpath Rd.

LANSDOWNE

353. Brunhouse-Harris Co.
204 N. Wyncombe Ave.
354. Harshaw, J. D.
292 Highland Ave.
Phone: MA 3-2780
355. Matz, Wm.
33 Lexington Ave., Box 4
Phone: MA 6-0717
356. Pangborn Corp.
212 Lansdowne Center
Bldg.
Phone: MA 3-5002 &
SH 5-1238
357. Standard Gage Co. Inc.
26 W. Chester Pike
Phone: HI 9-1221
358. Webb Co., Jervis B.
23 E. Albemarle Ave.
Phone: MA 3-7789

LAWRENCE PARK

359. McDaniels, E. P.
725 Napier Ave.
Phone: TW 9-4580

LEETSDALE

360. McJunkin Corp.
361. Shields, D. Leet
P. O. Box 25
Phone: SE 2420

LEMOYNE

362. Liquid Carbonic Div.
501 Bosler St.
363. Welding Materials Inc.
501 Bosler Ave.

LESTER

364. South Chester Corp.
Phone: LE 4-1800

LEVITTOWN

365. Crafts Co. Inc., Arthur A.
21 Incurve Rd.
Phone: WI 5-1551
366. Denison Engrg. Div.
27 Quaint Rd.
Phone: CL 9-3304
367. Matthews Production Tool
Co.
45 Rocky Pool Lane
Phone: WI 6-8705
368. Valley Forge Tool Corp.
310 Indian Creek Dr.
Phone: WI 5-2604

LICONIER

369. Smith, M. K.
P. O. Box 344
Phone: BE 8-9195

MALVERN

370. Mailey, Richard B.
8 Queen Ann Lane
Phone: MA 5763M
371. North Amer. Products Corp.
P. O. Box 586
Phone: NI 4-3334

MARCUS HOOK

372. Sun Oil Co.
10th & Green Sts.
Phone: HU 5-1121

MARKS

373. Fordney, John E.
R. D. 2
P. O. Box 248
Phone: CO 1-2117
374. Honeywill & Co., R. P.
Phone: WE 5-3220

McKEESPORT

375. Becky, Raymond
1209 Monongehela Blvd.
Phone: OR 3-9524
376. Cochenour, J. F.
2304 Ridge Rd.
Phone: WA 2-2100
377. Denison Engrg. Div.
309 Sunset Dr., White Oak
Boro
Phone: OR 3-8708
378. Sunnen Products Co.
2112 Dalton St.
Phone: OR 2-7630

McKEES ROCKS

379. Johnson & Son Inc., S. C.
Sexton Rd.
P. O. Box 310
Phone: SP 1-5303
380. Mobil Oil Co.
Robb St. & Ohio River
Phone: FE 1-3640

MEADVILLE

381. Ellison, Vincent A.
781 Pennsylvania St.
Phone: ME 4-0164
382. Williams Machinery & Sup-
ply, F. H.
426 Park Ave.
Phone: ME 3-0751

MEDIA

383. Maier Co., George S.
40 Wyncroft Dr. (32)
Phone: LO 6-5960
384. Vickers Inc.
Penn State Bldg.
State St. & South Ave.
Phone: LO 6-7900

MELROSE PARK

385. Blitzer Co. Inc., R. D.
1330 Willow Ave.
Phone: ME 5-2818

MORRISVILLE

386. Krieger, Robert W.
511 Berwyn Rd.
Phone: CY 5-5589
387. Wall Colmonoy Corp.
Bristol Pike
P. O. Box 205
Phone: CY 5-7111

MT. GRETN

388. Ehrhorn, James C.
P. O. Box 104
Phone: WO 4-5131

MT. PENN

389. Industrial Abrasives Supply
Co.
208 Oak Terrace
Phone: FR 2-2826

MUNCY

390. Balliett Tool Sales
R. D. 3
Phone: TU 2175
391. Sterling Electric Motors Inc.
R. F. D. 2
Phone: LI 6-3165

MURRYSVILLE

392. Bialowas, Edward
P. O. Box 104
Phone: FA 7-2010

NARBERTH

393. Bullard Co., The
861 Montgomery Ave.
P. O. Box 156
Phone: MO 4-2187
394. Conner Machinery Co.
Main Line Professional
Bldg.
Phone: MO 4-2690
395. Ives Equip. Corp.
114 Forrest Ave.
Phone: MO 4-8540

396. Jones & Lamson Machine

- Co.
Professional Bldg.
913 Montgomery Ave.
Phone: MO 4-4132

397. Link Engrg. Co.

- Main Line Professional
Bldg.
Forrest & Windsor Aves.
Phone: MO 4-4390

398. Recknagel, R. O.

- 537 Oak Rd.
Phone: MO 4-2244

NESHAMINY

399. U. S. Equip. Co.
Easton Rd., Route 611
Phone: DI 3-1000

NEW BRIGHTON

400. Butler Gas Co.
1103 13th St.
P. O. Box 84
401. Heppenstall
501 16th St.
Phone: TI 3-0400

NEW CASTLE

402. Byers Equip. Co.
Box 283
403. Huston Co., H. R.
124 E. Long Ave.
P. O. Box 550
Phone: OL 4-6661
404. Scott, W. W.
209 W. Winter Ave.
Phone: OL 2-5714

NEW CUMBERLAND

405. Calco Machinery Co.
455 W. Carol St.
Phone: CE 3-1628
406. Kilheffer, Harold E.
1602 Bridge St.
Phone: CE 3-3174

NEW KENSINGTON

407. Burrell Industrial Supply
Co.
1 5th St.
Phone: EM 2-4600

NEWTOWN

408. Oakite Products Inc.
R. D. 1
Phone: HY 3-3256

NEWTON SQUARE

409. Bartlett, Walter E.
27 Mary Jane Lane
Phone: EL 6-2088
410. Beebe Engrg.
149 Ashley Rd.
P. O. Box 216
Phone: EL 6-1696
411. Kigram Tool & Machine
Co.
W. Chester Pike
P. O. Box 39
Phone: EL 6-1446
412. Lindberg Engrg. Co.
3709 W. Chester Pike
P. O. Box 306
Phone: EL 6-8900
413. Weeden, Edwin R.
42 Media Line Rd.

NORRISTOWN

414. Joseph Co., E. R.
P. O. Box 189
415. Process Metals Inc.
2940 Michele Dr.
416. Quillman Hardware & Sup-
ply Co.
Ridge Pike & Carland
Rds.
Phone: BR 9-2390
417. Summerhill Tubing Co., Div.
11 Church Rd.
Phone: BR 9-1148
418. Touchton, Walter
2919 Denise Rd.
Phone: BR 9-0474
419. Wallace, John C.
50 Buttonwood St.
Phone: BR 9-1671

NORTH EAST

420. Industrial Equip. Co.
120 S. Lake St.
Phone: 1086

421. Perry Co., J. D.

- 120 S. Lake St.
Phone: 1086

NORTH WALES

422. Nusbaum, E. C.
313 Upper Valley Rd.
Phone: OX 9-4380

OAKMONT

423. Stetler, Jack
513 11th St.
Phone: OA 397
425. Whittenberger
757 4th St.
P. O. Box 229
Phone: ST 2-2424

OIL CITY

425. Oil Well Supply Co.
Div. U. S. Steel Corp.

OLD FORGE

426. Maxson Corp., W. L.

OLEY

427. Tracerlab Inc.
R. D. #1
Phone: YE 9-6730
BA 2-4066

ORELAND

428. Precision Tool & Engrg.
Clement & Bruce Rds.
Phone: TU 7-6000
429. Tucker, Thomas P.
319 Garden Rd.
P. O. Box 64
Phone: TU 4-5203

PAOLI

430. Okie, Jr., Howard
Wedge Bldg.
Phone: NI 4-3084
431. Standard Die Set Co.
35 Central Ave.
Phone: NI 4-3555
432. Tucker, Jr., Harry K.
Box 722

PEN ARCYL

433. Quarry Supply Co.
Structural Slate Co. Bldg.

PENNS PARK

434. Lindberg, C. E.
P. O. Box 51
Phone: LY 8-3921

PHILADELPHIA

435. A & W Tools Inc.
1450 Greenwood St. (40)
Phone: WA 4-1630
436. Aber Co., J. S.
1703 S. 58th St. (43)
Phone: SA 7-3060, 7-1111
437. Abrams, Charles
2114 Aston St. (15)
Phone: PI 2-5142
438. Ace Electric Co.
129 N. 3rd St.
439. Acheson Colloids Co.
1426 Land Title Bldg. (10)
Phone: LO 7-7113
440. Acme Saw Co.
1314 E. Mechanic St. (38)
Phone: WA 4-7735
441. Acorn Industrial Products
5726 Rising Sun Ave. (20)
Phone: PI 2-7272
442. Air Flow Co. Inc.
4th & Spencer St. (20)
Phone: WA 7-0409
443. Airline Equip. Co. Inc.
301 E. Hunting Park Ave.
(24)
Phone: GA 5-5826
444. Airmatic Tool Co.
7317-19 State Rd. (35)
Phone: DE 3-5600
445. Ajax Magnethermic Corp.
1108 Frankford Ave. (25)
Phone: GA 6-6520
446. Alden Electric Tools & Ser-
vice
1124 Spring Garden St.
(23)
Phone: ST 7-1300

SALES OFFICES

447. Alden Supply Co. Inc.
926 Arch St. (7)
Phone: WA 2-7910
448. Alemit Co.
704 N. 16th St. (30)
Phone: PO 5-4157
449. Allegheny Ludlum Steel
Suburban Station Bldg.,
Room 900
1617 Pennsylvania Blvd.
(3)
Phone: LO 3-4130
450. Allis-Chalmers
1617 Pennsylvania Blvd.
(3)
Phone: LO 3-9412
451. Allis Co., The Louis
2099 N. 63rd St. (31)
Phone: GR 7-2213
452. Alloy Rods Co.
Land Title Bldg.
Phone: RI 6-4594
453. Aluminum Co. of Amer.
123 S. Broad St. (9)
Phone: KI 5-0250
454. Amalgamated Chemical
Corp.
Rorer & Ontario Sts. (34)
Phone: GA 3-9200
455. Amer. Brass Co., The
111 W. Norris St. (23)
Phone: NE 4-7706
456. Amer. Felt Co.
1024 Lafayette Bldg. (6)
Phone: WA 5-7899
457. Amer. Optical Co.
66 N. Juniper St. (5)
Phone: LO 4-5719
458. Arcos Corp.
1500 S. 50th St. (43)
Phone: SA 7-1500
459. Armstrong Cork Co.
Robinson Bldg.
15th & Chestnut St. (2)
460. Atkins Saw Div.
5600 Tulip St.
Phone: CU 9-8350
461. Atlantic Refining Co., The
260 S. Broad St. (1)
Phone: PE 5-2345
462. Automation Aides
1618 Willow Ave. (26)
Phone: ME 5-0400
463. Aybob Co., The
27 E. Tulpehocken (44)
P. O. Box 4259
Phone: GE 8-8736
464. Babcock & Wilcox Co., The
2222 Packard Bldg. (2)
Phone: LO 4-0332
465. Baker & Son, J. H.
1811 Callowhill St. (30)
Phone: LO 3-4621
466. Baldwin-Lima-Hamilton
Phone: SA 5-9300
467. Barol & Assoc., Leonard
1502 Finance Bldg.
Phone: LO 3-8473
468. Barwood & Co.
3137 N. 15th St. (32)
Phone: SA 2-5660
469. Bauer Machinery Co.
1114-16 Frankford Ave.
(25)
Phone: GA 5-0681
470. Bausch & Lomb Optical Co.
1814 Chestnut St. (3)
Phone: LO 3-0831
471. Bearings Inc.
1607 W. Hunting Park
Ave. (40)
Phone: DA 9-9600
472. Beemer Engrg. Co.
401 N. Broad St. (8)
Phone: WA 2-0900
473. Belack, Stephen P.
Pelham Park Apts., 101
229 W. Upsal St. (19)
Phone: GE 8-0315
474. Bellows-Valvair
15 Esau Rd.
Phone: TR 8-6096
475. Beryllium Corp., The
1617 Pennsylvania Blvd.
(3)
Phone: LO 8-2071

PHILADELPHIA (cont.)

476. Bethlehem Steel Co.
1058 Suburban Station
Bldg.
1617 Pennsylvania Blvd.
(3)
Phone: LO 3-1100
477. Black & Decker
333 N. 20th St. (3)
Phone: LO 4-5520
478. Black Machinery Co., Wil-
liam
7032 Montague St. (35)
479. Blakeslee & Co., G. S.
756 S. Swanson
Phone: HO 7-5719
480. Bliss Co., E. W.
18 W. Chelton Ave. (44)
Phone: TE 9-2770
481. Bliss & Laughlin Inc.
Office Center
4343 E. River Dr.
Phone: VI 3-1028
482. Bond Co., Charles
617 Arch St. (6)
Phone: MA 7-6600
483. Boston Gear Works
4100 N. 16th St. (40)
Phone: DA 9-7800
484. Boyd Supply Co.
5564-5600 Baltimore
Phone: SH 8-1350
485. Boyer, Jr., Earle G.
18 Hilltop Rd. (18)
P. O. Box 4900
Phone: CH 7-1105
486. Boyes, Jack
5726 Rising Sun Ave. (20)
Phone: PI 2-7272
487. Boyes, John J.
7305 Bingham St. (11)
Phone: PI 2-7918
488. Brady Co., W. H.
4401 Germantown Ave.,
Room 204 (40)
Phone: GL 7-0100
489. Brass & Copper Sales Inc.
4250 MacAlester Ave.
(24)
Phone: GL 7-2500
490. Bridgeport Brass Co.
918 E. Lycoming St. (24)
Phone: JE 5-3900
491. Bristol Co., The
Market St. National Bank
Bldg. (7)
Phone: LO 3-2386
492. Brosius, R. T.
1617 Pennsylvania Blvd.
(34)
Phone: RI 6-6784
493. Brune Abrasive Service Co.
821 Andorra Rd.
Phone: VE 6-5520
494. Brunner & Lay - Eastern
Inc.
2514 E. Cumberland St.
(25)
Phone: NE 4-8100
495. Buckeye Tools Corp.
124 Wilford Bldg.
101 N. 33rd St. (4)
Phone: BA 2-2376
496. Buehler Equip. Co.
341 N. 18th St. (3)
Phone: RI 6-6095
497. Bunting Brass & Bronze Co.
3119 N. 30th St. (32)
Phone: BA 3-7262
498. Buten & Sons, M.
5000 Ridge Ave.
Phone: IV 3-7590
499. Calco Machinery Co.
3701 N. Broad St. (40)
Phone: BA 3-9418
500. Carpenters Machinery Co.
212 N. 11th St. (7)
Phone: WA 2-7034
501. Carrier Corp.
P.S.F.S. Bldg.
12 S. 12th St. (7)
Phone: MA 7-7100
502. Carter, Donlevy & Co.
1419 Spring Garden St.
Phone: LO 7-2888
503. Casanave Supply Co. Inc.
2028-32 Sansom St. (3)
Phone: RI 6-9049
504. Cass Co., Philip
40 N. 5th St. (6)
505. Cattle Tool Co.
100 N. 3rd St. (6)
Phone: WA 5-5547
506. Central Safety Equip. Co.
6601 Marsden Ave. (33)
Phone: DE 3-4788
507. Chain Belt Co.
4125 Whitaker Ave. (24)
Phone: GA 6-6150
508. Chase Brass & Copper Co.
20th & Vensango Sts. (40)
Phone: BA 3-5800
509. Circo Equip. Co.
401 N. Broad St.
Phone: WA 2-3110
510. Cleco Air Tools
5220 N. 5th St. (20)
Phone: DA 4-5500
511. Cleveland Cap Screw Co.
4237 N. 2nd St. (40)
Phone: DA 9-8716
512. Cleveland Tramrail Div.
945 S. 53rd St. (43)
Phone: GH 5-2452
513. Collier Co., Thomas A.
1123 Western Savings
Fund Bldg. (7)
Phone: KI 6-3836
514. Conant, Roger
228 W. Chelton Ave. (44)
Phone: VI 8-3815
515. Consolidated Amer. Ma-
chinery
Broad & Chestnut Sts.
Western Savings Bldg.,
Room 701
Phone: LO 7-7075
516. Cunningham Equip. Inc., J.
A.
3025 Trenton Ave. (25)
Phone: PR 6-6656
517. Dancy Machine Specialties
Inc.
511 W. Courtland St. (40)
Phone: DA 9-8565
518. Daystrom Inc.
101 N. 33rd St. (4)
Phone: BA 2-6458
519. Deburro Inc.
808 W. York St. (33)
520. Defiance Sales Corp.
1214 Arch St. (7)
Phone: SP 4-3960
521. Delta Equip. Co.
148 N. 3rd St. (6)
Phone: MA 7-1860
522. DeNault, Clayton A.
246 W. Upsal St. (19)
Phone: VI 8-4484
523. Detrex Chemical Industries
Inc.
81 Fairmount Ave.
Phone: MA 7-7712
524. DeVilbiss Co., The
401 N. Broad St. (6)
Phone: WA 2-6700
525. Diamond Specialty & Supply
Co. Inc.
4924-26 Lancaster Ave.
(31)
Phone: GR 7-2000
526. Diehl Mfg. Co.
132 N. 12th St. (7)
Phone: LO 7-7215
527. Dietzgen Co., Eugene
1008 Vine St. (7)
Phone: MA 7-8201
528. Dingle-Clark Co., The
1617 Pennsylvania Blvd.
(3)
Phone: LO 3-1446
529. DoALL Philadelphia Co.
2053 E. Glenwood Ave.
(24)
Phone: CU 8-7400
530. Dravo Corp.
Suburban Station Bldg.
Phone: RI 6-8086
531. Driver Hardware Co., E. J.
2610 Germantown Ave.
Phone: BA 9-1431
532. E. & L. Tool Supply Co.
15th & Tioga Sts. (40)
Phone: RA 5-4352
533. Eastern Saw Service
3532 Ludlow St.
Phone: EV 6-2429
534. Eaton Co., The
P. O. Box 5082 (11)
Phone: PI 2-8707

PENNSYLVANIA PHILADELPHIA (cont.)

535. Eclipse Air Brush Co.
Land Title Bldg., Room
1436
Broad & Chestnut St.
Phone: LO 3-8129
536. Edgcomb Steel Co.
"D" St. below Erie Ave.
(34)
Phone: GA 3-6300
537. Elliot & Co. Inc., Edwin
560 N. 16th St. (39)
Phone: LO 7-6344
538. Erdman, Kenneth B.
7908 High School Rd. (17)
Phone: CA 4-1833
539. Fable & Co.
510-512 N. 3rd St. (23)
540. Fafnir Bearing Co., The
4006 Old York Rd. (40)
Phone: GL 5-2506
541. Feeny, Clement J.
228 E. Meade St.
Phone: CH 7-1591
542. Fenway Machine Co.
3107 N. Broad St.
Phone: BA 5-0850
543. Fitzpatrick & Walsh
2439 N. 9th St. (33)
Phone: ST 7-4504
544. Fleming & Son, Paul J.
907 W. Wagner Ave. (41)
Phone: WA 4-1608
545. Flow Engrg. Inc.
8 Mill Rd., Flourtown
P. O. Box 4758 (34)
Phone: IV 2-2517
547. Flynn, Harold F.
6000 Overbrook Ave. (31)
Phone: TR 7-5471
548. Flynn, Jr., Vincent J.
550 W. Rittenhouse (44)
Phone: VI 4-0300
549. Gardner Co., Chas. H.
3701 N. Broad St. (40)
Phone: BA 5-4384
550. Gardner-Denver Co.
4309-11 Rising Sun Ave.
(40)
Phone: GL 7-3150
551. Garlock Packing Co., The
20 S. 15th St. (2)
Phone: LO 7-7010
552. Garwood Co., George
1900 Rittenhouse Square
(3)
Phone: PE 5-2067
553. General Electric Co.
3 Penn Center Plaza (2)
Phone: LO 8-1800
554. General Tool Sales Co.
3945 N. Broad St. (40)
Phone: BA 5-7800
555. Goodrich Industrial Prod-
ucts Co., B. F.
955 E. Erie Ave. (34)
Phone: JE 5-5800
556. Goodyear Supply Co.
1605 W. Hunting Park
Ave. (40)
Phone: DA 4-5361
557. Graybar Electric Co. Inc.
910 Cherry St. (7)
Phone: WA 2-5405
558. Griffith-Raguse & Co. Inc.
3015 Fox St. (32)
Phone: BA 5-4958
559. Grypton, Howard W.
P. O. Box 7163
560. Gulf Oil Corp.
Gulf Bldg.
City Ave. at Schuylkill
Expressway. (1)
P. O. Box 8056
Phone: GR 3-5105
561. Hansen & Co., E. M.
6900 Limekiln Pike (38)
Phone: WA 4-7808
562. Harnischfeger Corp.
944 Suburban Station
Bldg. (3)
Phone: LO 3-0572
563. Harris Industrial Saw Co.
SE. cor. Bristol & Allen
Sts. (57)
Phone: CU 8-3020
564. Heppenstall
Box 9727, Nicetown (40)
Phone: BA 5-7283

SALES OFFICES

PENNSYLVANIA

PHILADELPHIA (cont.)

- 565. Hepworth Machine Tool Co.
2311-17 N. 16th St. (32)
Phone: SA 3-5143
- 566. Hier, William J.
9332 Lansford St. (14)
Phone: GA 6-7723,
HO 4-3717
- 567. Hobart Welder & Equip.
Corp.
55th & Walnut Sts. (39)
- 568. Hoffman-Baumrucker Co.
3138 N. Broad St. (32)
Phone: BA 3-5891
- 569. Holden Co., N. N.
4325-27 Frankford Ave.
(24)
- 570. Hollingsworth Co., F. W.
Milnor & Convent Sts.
- 571. Holtzer-Cabot
7046 Castor Ave. (11)
Phone: PI 2-4646
- 572. Houghton & Co., E. F.
303 W. Lehigh Ave. (33)
Phone: RE 9-7180
- 573. Hughes, Frank W.
Suburban Station Bldg.
(3)
Phone: RI 6-5866
- 574. Huyette Co. Inc., The Paul
B.
401 N. Broad St. (8)
Phone: WA 2-6070
- 575. Hydraulic Systems Inc.
1321 W. Aldrie St. (40)
Phone: BA 5-7884
- 576. I-T-E
101 N. 33rd St., Suite 201
(4)
Phone: EV 6-0900
- 577. Ideal Industries Inc.
1417 W. Hunting Park
Ave. (40)
Phone: DA 9-5567
- 578. Industrial Lift Truck Co.
2300 Richmond St. (25)
Phone: GA 5-3500
- 579. Industrial Steel Equip. Co.
Knorr St. & Rising Sun
Ave. (11)
Phone: PI 5-7465
- 580. Industrial Supplies Co.
1225 Cottman Ave. (11)
Phone: PI 2-6200
- 581. Industrial Transmission Machinery
209 N. 3rd St. (6)
Phone: WA 5-4411
- 582. Ingersoll-Rand Co.
2037 Chestnut St. (3)
Phone: LO 7-7535
- 583. Interstate Machinery Co.
Inc.
"A" & Venango Sts.
Phone: GA 6-6040
- 584. J & L
Suburban Station Bldg.
(3)
- 585. Jackson-Walter Co.
2027 Arch St. (3)
Phone: LO 3-7470
- 586. Johns-Manville Sales Corp.
Mall Bldg.
Chestnut St. at 4th (6)
- 587. Johnson Bronze Co.
1434 Belfield Ave. (40)
Phone: DA 4-1861
- 588. Johnson & Son Inc., S. C.
1324 Clearfield St. (32)
Phone: BA 8-3420
- 589. Kaco Tool Co.
SW. cor 20th, South St.
(46)
Phone: KI 5-5686
- 590. Kaiser Aluminum & Chemical Sales Inc.
3 Penn Center Plaza (2)
Phone: LO 5-0634
- 591. Kearney Engrg. Co.
2010 Naudain St. (46)
Phone: PE 5-1630
- 592. Keeble, John M.
9049 Wesleyan Rd. (36)
Phone: OR 3-3249
- 593. Kellogg Appliances Co.
18 W. Chelton Ave. (44)
Phone: GE 8-2171
- 594. Kennametal Inc.
3701 N. Broad St. (40)
Phone: BA 9-3443
- 595. Keystone Equip. Co.
1402 Locomot St. (40)
Phone: GL 5-2550
- 596. Konstance Co., Charles A.
3921 N. Broad St.
Phone: BA 5-2470
- 597. Kucker, Robert G.
2nd & Diamond Sts. (25)
Phone: RE 9-7460
- 598. Lance Inc., Lemuel R.
5th & Courtland Sts. (40)
Phone: DA 4-4900
- 599. Lanco Engrg. Sales Co.
33rd & Arch Sts. (4)
Phone: EV 6-5835
- 600. Latimer Co., Robert L.
24 to 28 N. Front St. (6)
Phone: MA 7-3962
- 601. Latrobe Steel Co.
3625 N. 8th St. (40)
Phone: BA 5-8930
- 602. Leeds & Northrup Co.
4907 Stenton Ave. (44)
Phone: DA 9-4900
- 603. Leidy, Argus
1000 E. Mermaid (18)
Phone: LO 7-3577
- 604. Lindsay Oberholzer Corp.
500 Mascher St. (30)
Phone: GL 7-3560
- 605. Lombardy, James
Beury Bldg., Office 925
3701 N. Broad St. (40)
Phone: BA 9-2167
- 606. Lord Mfg. Co.
1420 Walnut St., Room
1318 (2)
Phone: PE 5-3550
- 607. MacDonald Inc., S. K.
1531 Spruce St. (2)
Phone: KI 5-1205
- 608. Machinery & Machine Supplies Co. Inc.
1384 Farrington (31)
Phone: TR 7-5334
- 609. Maddock & Co.
42 N. 6th St. (6)
Phone: LO 3-6700
- 610. Maleson Co.
225 N. 32nd St.
Phone: EV 2-6400
- 611. Mallory & Co. Inc., P. R.
4343 River Dr., E.
Phone: VI 4-8891
- 612. Manning, Maxwell & Moore Inc.
6628 Limekiln Pike (38)
Phone: WA 4-7533
- 613. Marking Specialties Co.
4340 Main St. (27)
Phone: IV 3-6554
- 614. Marlin-Rockwell Corp.
3118 W. Allegheny Ave.
(32)
Phone: BA 6-0700
- 615. Marquette Mfg. Co.
4421 Whitaker Ave. (30)
Phone: DA 9-8357
- 616. Martin Electric & Tool
604 Arch St.
- 617. Maser, Alfred W.
7346 Palmetto St. (11)
Phone: TU 7-9376
- 618. Max-Arnold Co.
2201 W. Glenwood Ave.
(32)
Phone: BA 8-4947
- 619. McCormick, C. E.
6114-18 Torresdale Ave.
Phone: DE 3-6400
- 620. McCracken & Sons, R. S.
636 N. 13th St. (23)
Phone: ST 7-5151
- 621. McCullough & Son, J. H.
1248 N. Broad St. (21)
309 Cherry St. (6)
- 622. McNiece & Son, Wm.
2314 N. 9th St. (33)
Phone: ST 2-4232
- 623. Meteor Supply Co.
3829 N. 5th St. (40)
- 625. Micro Switch
2345 W. Hunting Park
Ave. (32)
Phone: BA 6-2400

PHILADELPHIA (cont.)

- 626. Miller Electric Mfg. Co., Inc.
201 Claremont Rd.
Phone: LI 9-4168
- 627. Miller Fluid Power Div.
8309 Old York Rd.
Phone: TU 4-4905
- 628. Milne & Co., A.
2325-27 N. American St.
(33)
Phone: GA 5-4490
- 629. Milton Equip. Co.
NE. corner 4th & Race
Sts. (6)
Phone: WA 2-1734
- 630. Milton-Roy Co.
1300 E. Mermaid Lane
(32)
Phone: CH 7-9000
- 631. Minn. Mining & Mfg. Co.
5696 Rising Sun Ave. (20)
Phone: PI 2-0200
- 632. Mitchell Co., F. A.
20th & Callowhill Sts. (20)
Phone: LO 7-0919
- 633. Mobil Oil Co.
Packard Bldg.
15th & Chestnut Sts. (2)
Phone: LO 7-2362
- 634. Moffatt Bearings Co.
1640 Fairmount Ave. (30)
Phone: PO 5-1890
- 635. Moore Fluid Power Co.
7801 Dungan Rd. (11)
Phone: PI 2-3300
- 636. Moore Products Co.
"H" & Lycoming Sts. (24)
Phone: JE 3-3500
- 637. Morgan Tool & Equip. Co.
18 W. Chelton Ave. (44)
Phone: VI 3-2266
- 638. Morris, George V.
2109 Nedro Ave. (8)
Phone: GE 8-0377
- 639. Morrison, Jr., Phillips L.
216 S. 2nd St. (6)
Phone: WA 5-3511
- 640. Mueller Brass Co.
810 S. 53rd St. (43)
Phone: GR 4-7505
- 641. Naet Machinery Co., D.
2508-10 N. Broad St. (32)
Phone: BA 5-3270
- 642. National Screw & Mfg. Co., The
2301 P.S.F.S. Bldg.
12 S. 12th St. (7)
Phone: WA 2-3888
- 643. Norma-Hoffmann Bearings Corp.
1301 W. Erie Ave. (40)
Phone: BA 5-0119
- 644. Norton Co.
4732 Stenton Ave. (44)
Phone: DA 9-4452
- 645. Nuttall Machinery Co., John
7351 Roosevelt Blvd. (15)
Phone: DE 2-3679
- 646. Oakite Products Inc.
612 Robinson Bldg.
42 S. 15th St. (2)
Phone: LO 7-7660
- 647. O'Brien Machinery Co.
The
1915 W. Clearfield St.
Phone: BA 5-1480
- 648. Odell, Gordon
544 Acorn St. (28)
Phone: IV 2-6449
- 649. Pannier Corp., The
Commercial Trust Bldg.
(2)
Phone: LO 4-3063
- 650. Parker-Hannifin Industrial
3701 N. Broad St. (40)
Phone: BA 8-9312
- 651. Patterson Co., P. A.
3133 N. Broad St. (32)
Phone: BA 9-1250
- 652. Peeco
1412 Belfield Ave. (40)
Phone: GL 3-7500
- 653. Peninsular Grinding Wheel Co.
Corner Rising Sun & Kerper
Sts. (11)
P. O. Box 5061
Phone: PI 5-3373
- 654. Penn-Del Instrument Sales Co.
P. O. Box 4361
- 655. Penn Machinery Co.
709 Bethlehem Pike (18)
Phone: CH 7-2586
- 656. Pennsalt Chemicals Corp.
3 Penn Center (2)
Phone: LO 4-4700
- 657. Pennsylvania Welding Supply Co.
21st & Hunting Park Ave.
(32)
- 658. Perry Industrial Equip., J. D.
4200 N. Hawthorn St. (36)
Phone: MA 4-7888
- 659. Pezzillo, A. R.
8900 Calvert St. (15)
Phone: HO 4-1172
- 660. Philadelphia Bronze & Brass Corp.
22nd & Master Sts. (21)
Phone: PO 5-2100
- 661. Philadelphia Machinery & Equip. Co.
1107 Brighton St. (11)
Phone: PI 2-0101
- 662. Pitta, Herbert G.
6646 Guyer Ave. (42)
- 663. Pittsburgh Plate Glass Co.
2034 N. 16th St.
- 664. Porter-Cable Machine Co., The
4218-32 Macalester Ave.
Phone: GL 5-7907
- 665. Potts Co., Horace T.
Erie Ave. & "D" St.
Phone: GA 6-4600
- 666. Power Assoc. Inc.
171 W. Lehigh Ave. (33)
- 667. Power Press Specialists
485 N. 9th St. (23)
Phone: MA 7-1313
- 668. Powers & Son, J. J.
Suburban Station Bldg.,
Room 987 (3)
- 669. Pratt & Whitney Co. Inc.
401 N. Broad St. (8)
Phone: WA 2-1146
- 670. Press & Shear Machinery Corp.
2600 E. Tioga St. (34)
Phone: GA 6-8840
- 671. Production Tool & Equip.
3454 W. 2nd St.
Phone: RE 9-4197
- 672. Product Machine Co., The
214 Rock Hill Rd.
Phone: TR 8-2333
- 673. Pruyn Bearings Co.
685 N. Broad St.
Phone: PO 5-6421
- 674. Quaker City Stencil & Stamp
234 Arch St. (6)
- 675. Quint's Sons Co. Inc., S. H.
15 S. 4th St. (6)
- 676. R-F&C Valve Div.
2nd & Diamond Sts. (25)
Phone: RE 9-7460
- 677. Randall Co., Ken
121 N. Broad St.
Phone: LO 4-2151
- 678. Randolph-Potts Co.
6745 Torresdale Ave. (35)
- 679. Rapiatan of Pa. Inc.
6017 Wistar St. (38)
P. O. Box 6515
Phone: VI 8-3675
- 680. Rapp Machinery, W. B.
132 N. 3rd St. (6)
Phone: MA 7-0490
- 681. Rariden, William
Home Office (35)
Phone: DE 3-1700
- 682. Rebmann Co., The
Cor. 39th & Market Sts.
(4)
- 683. Reichhold Chemicals Inc.
128 Walnut Park Plaza
63rd & Walnut Sts. (39)
Phone: GR 4-7893
- 684. Republic Steel Corp.
920 Suburban Station
Bldg. (3)
Phone: LO 3-8900
- 685. Reynolds Co., The
2213 Glenwood Ave. (32)

PHILADELPHIA (cont.)

686. Rollway Bearing Co. Inc.
Beury Bldg., Room 803
3701 N. Broad St. (40)
Phone: BA 5-4872
687. Rothman Equip. Co.
144 N. 3rd St.
Phone: MA 7-1962
688. Rowley & Co. Inc., Geo. A.
937 N. Front St. (23)
Phone: MA 7-3077
689. Ryerson & Son Inc., J. T.
5200 Grays Ave.
P. O. Box 7349
Phone: SA 4-0709
690. SKF Industries Inc.
Front St. & Erie Ave. (32)
Phone: GA 5-9620
691. Samuel Machinery Co.
137 N. 3rd St. (6)
Phone: MA 7-6100
692. Samsen Supply Co.
3312 N. 5th St. (40)
Phone: GA 5-0853
693. Sanson & Rowland Inc.
186 W. Loudon St. (20)
Phone: DA 9-2264
694. Scharlach Co., Frank
18 W. Chelton Ave. (44)
Phone: Schilling, S. A.
1107 Suburban Station
Bldg. (3)
Phone: LO 7-5129
696. Schwartz, William
237 E. Ellet St. (19)
Phone: CH 7-4102
697. Sciaky Brothers Inc.
1123 Western Savings
Fund Bldg. (7)
Phone: KI 5-6570
698. Security Elevator Co. Inc.
901 Callowhill St. (23)
Phone: LO 3-4546
699. Sees & Faber Co. Inc.
2008-10 N. Front St. (22)
Phone: HE 4-3724
700. Severance Tool Industry
3454 N. 2nd St. (40)
Phone: RE 9-4197
701. Sharkey, Lawrence
4722 Loring St. (36)
Phone: DE 3-2676
702. Shipley Machinery Co.,
W. E.
1803 Morris Bldg.
1421 Chestnut St. (2)
Phone: LO 3-4546
703. Simonds Abrasive Co.
Taony & Fraley Sts. (37)
Phone: PI 4-1234
704. Sinclair Refining Co.
4412 Chestnut St.
Phone: BA 2-3060
705. Skill Corp.
2135 Chew Ave. (38)
Phone: VI 8-0686
706. Smith-Keser & Co.
P. O. Box 4023 (18)
Phone: VI 3-5236
707. Smith-Sattler Machinery
Co.
5219-21 Jefferson St.
Phone: GR 7-2100
708. Snap-on Tools Corp.
1710 Fairmount Ave. (30)
Phone: PO 5-7400
709. Standard Shannon Supply
Co.
11-13 S. Letitia St.
Phone: LO 3-6880
710. Steel Distributors Inc.
Cedar & Westmoreland
Sts. (34)
Phone: GA 3-3306
711. Sterling Electric Motors
Inc.
5823 Greene St. (44)
Phone: VI 4-7085
712. Sterling Grinding Wheel
Co.
6717 Rising Sun Ave. (11)
Phone: PI 7-7500
713. Steward & Romaine Mfg.
Co.
124 N. 6th St. (6)
Phone: WA 2-0868
714. Stockwell Rubber Co.
1117-21 Sackamaxon St.
(25)
Phone: GA 6-3206

715. Stokes Equip. Co.

- 11 W. Mt. Airy Ave. (18)
Phone: CH 8-1900
716. Stratton Co., C. H.
514 E. Wadsworth St. (19)
Phone: CH 7-7869
717. Stuart Oil Co. Ltd., D. A.
Wingate & Hagerman Sts.
(35)
Phone: DE 8-6010
718. Sun Oil Co.
106 S. 16th St. (3)
Phone: KI 6-1606
719. Sundstrand Machine Tool
Hamilton Ct. Hotel, Office
110
39th & Chestnut Sts. (4)
Phone: EV 6-4778
720. Supplee-Biddle-Steltz
5th & Bristol Sts.
Room 406
Phone: MI 2-5390
721. Surface Combustion
Suburban Square Bldg.,
Room 406
Phone: MI 2-5390
722. Swind Machinery Co.
The Presidential (Madison)
(31)
Phone: RI 6-4340
723. Syntrol Philadelphia Sales
Co.
3900 Germantown Ave.
(40)
Phone: BA 3-7788
724. Telephone Message Bureau
1424 Race St. (2)
Phone: LO 8-1439
725. Thomas, C. W.
4540 Worth St. (25)
P. O. Box 7147
Phone: WA 2-3131
726. Thor Power Tool Co.
4441 Whitaker Ave. (20)
Phone: GL 7-3232
727. Threadwell Tap & Die Co.
1424 Race St. (2)
Phone: LO 8-1439
728. Tocaro Machinery Co. Inc.
110 N. 6th St. (6)
Phone: WA 5-7968
729. Towle Industrial Corp.
402 Bethlehem Pike (18)
Phone: AD 3-2200
730. Townsend Co.
952 Suburban Station
Bldg. (3)
Phone: LO 3-8137
731. Transmission Engrg. Co.
Inc.
3943 N. Broad St. (40)
Phone: BA 8-1490
732. Traver Co. Inc., John G.
141-143 N. 4th St.
Phone: MA 7-3103
733. Twelves, Elmer M.
5035 Wissahickon Ave.
(44)
Phone: VI 4-4361
734. Uddeholm Co. of Amer. Inc.
1418 Walnut St. (2)
Phone: PE 5-2114
735. Ulmer Inc., Theo. C.
Richmond St. & E. Colum-
bia Ave. (25)
Phone: NE 4-8850
736. U. S. Electric Motors Inc.
1421 Chestnut St. (2)
Phone: LO 4-4477
737. U. S. Gypsum Co.
7616 City Line Ave. (31)
Phone: GR 7-6505
738. U. S. Steel Corp.
1220 Suburban Station
Bldg.
1617 Pennsylvania Blvd.
(3)
Phone: LO 4-4000
739. Vandyck Churchill Co.
1321 Arch St. (7)
Phone: LO 7-4090
740. Van Horn Assoc., H.
7808 Conwell Rd., La-
verack
Phone: AD 3-4316
741. Vascoloy-Ramet Corp.
1450 Greenwood St. (50)
Phone: WA 4-3551
742. Wagner Engrg.
Wilford Bldg.
33 & Arch Sts. (4)
Phone: EV 2-1316

PHILADELPHIA (cont.)

743. Wales Stripit Inc.
38 Maplewood Ave. (44)
Phone: GE 8-7673
744. Wave File & Tool Co.
P. O. Box 2956, Oak Lane
Station (26)
745. Well Co., J. H.
1332 Cherry St. (7)
Phone: LO 7-4900
746. Weltronic Co.
10157 Ferndale St. (16)
Phone: HO 4-3322
747. Wesco Machine Products Co.
1682 Fnuikred St.
748. West Chemical Products Inc.
49th & Grays Ave. (43)
749. Whitehead Metals Inc.
1955 Hunting Park Ave.
(40)
Phone: BA 9-2323
750. Wilton Tool Mfg. Co. Inc.
1625 Ruscomb
Phone: DA 9-1931
751. Wood Co., J. H.
1033D Suburban Sta. Bldg.
16th & Pennsylvania Blvd.
752. Wright & Gade Tool Co.
3701 N. Broad St. (40)
Phone: BA 3-9430
753. Wright Hoist Div.
2nd & Diamond Sts.
Phone: RE 9-7460
754. Wright, John S.
Bourse Bldg. (6)
Phone: WA 5-4481
755. Wyckoff Steel Co.
1375 Suburban Station
Bldg.
1617 Pennsylvania Blvd.
(3)
Phone: LO 4-3060
756. Yale & Towne Mfg. Co., The
4221 N. Broad St. (40)
Phone: GL 5-6000
757. Yenger & Co., Charles R.
7800 Bayard Rd.
Phone: WA 4-7275
758. Zagar Inc.
7114 Rising Sun Ave. (11)
Phone: PI 2-7992

PITTSBURGH

759. Acheson Colloids Co.
530 6th Ave., Room 107
(19)
Phone: AT 1-9651
760. Acme Steel Co.
1320 Penn Ave.
Phone: GR 1-0226
761. Airtek
238 Lincoln Hwy., W.
762. Ajax Electric Salt Bath Fur-
naces
P. O. Box 9742 (29)
Phone: WE 1-5522
763. Alemite Co. of Pittsburgh
201-9 Shady Ave. (6)
764. Allen-Bradley Co.
2721 W. Liberty Ave. (16)
Phone: FI 1-2822
765. Allegheny Ludlum Steel
Corp.
512 Oliver Bldg. (22)
Phone: CO 1-5300
766. Allis-Chalmers
1701 McFarland Rd. (16)
Phone: LO 3-4434
767. Allis Co., The Louis
4135 Brownsville Rd.,
Rooms 203-206 (27)
Phone: TU 4-6363
768. Allmon Steel Co.
528 Washington Rd. (28)
Phone: LO 1-8234
769. Alloy Rods Co.
2537 Waverly St., Swiss-
vale (18)
Phone: EL 1-1707
770. Allridge, W. L.
149 Gilmore (35)
Phone: VA 4-6966
771. Aluminum Co. of Amer.
1501 Alcoa Bldg. (19)
Phone: AT 1-4545
772. Amer. Brass Co., The
603 Grant Bldg. (19)
Phone: GR 1-8616
773. Amer. Bridge Div.
525 William Penn Pl. (30)
Phone: EX 1-2345

PENNSYLVANIA

PITTSBURGH (cont.)

774. Amer. Instrument Co. Inc.
P. O. Box 267, Allison
Park
Phone: ST 1-1404
775. Ampco Metal Inc.
211 Nelson Ave. (35)
Phone: PE 1-2232
776. Amstan Supply Div.
P. O. Box 1226 (30)
Phone: GR 1-8200
777. Anderson Co. Inc., John B.
101 Investment Bldg.
Phone: GR 1-3399
778. Arch Machinery Co.
4920 Pennsylvania Ave.
Phone: EM 2-0100
779. Arehart, R. J.
5845 Centre Ave.
Phone: EM 1-2500
780. Atlantic Refining Co., The
1100 Cramer of Com-
merce Bldg. (19)
Phone: AT 1-8300
781. Aubele, Gilbert G.
8930 Franktown Rd. (35)
Phone: CH 2-4667
782. Automation Equip. & Sup-
ply Co.
512 Empire Bldg. (22)
783. Automotive Distributors
Warehouse
4509-11 Liberty Ave. (24)
Phone: MA 1-1700
784. B. B. D. & O.
Grant Bldg.
785. Baker, Donald J.
300 Mt. Lebanon Blvd.,
Suite 304 (34)
Phone: LO 1-3001
786. Baker-Warren Co., The
80 26th St. (22)
Phone: AT 1-0344
787. Baldwin-Lima-Hamilton
1098 Union Trust Bldg.
(19)
Phone: AT 1-4896
788. Banbury Equip. Corp.
295 Saw Mill Run Blvd.
(26)
Phone: HU 1-5300
789. Banks Engrg. Co.
6902 Hamilton Ave. (8)
Phone: MO 1-6746
790. Barney Machinery Co.
1002 Greentree Rd. (20)
Phone: WA 2-1207
791. Bearing Distributors Inc.
4515 Liberty Ave. (24)
Phone: MA 1-0390
792. Bearings Inc.
5536 Baum Blvd.
Phone: MU 1-4800
793. Bearing Service Co.
4650 Baum Blvd. (13)
Phone: MA 1-4600
794. Behr-Manning Co.
3400 Forbes St. (13)
Phone: MU 2-4495
795. Beighley Hardware & Tool
Co.
S. 6th & Bingham Sts. (3)
796. Bellows-Valvair
727 Pennsylvania Ave.
Phone: CH 1-7908
797. Bel-Ray Co. Inc.
295 Beverly Rd. (16)
798. Berg Machinery Co., Stan-
ley
875 Greentree Rd. (20)
Phone: WA 2-3612
799. Beryllium Corp., The
4135 Brownsville Rd. (27)
Phone: TU 1-4488
800. Bethlehem Steel Co.
1200 Oliver Bldg.
Mellon Square (22)
Phone: GR 1-5960
801. Betza, John E.
1205 Empire Bldg. (22)
Phone: CO 1-2062
802. Bithell, Jack
122 Sheridan Ave. (6)
Phone: EM 1-0440
803. Birdsboro Corp.
1316 Oliver Bldg. (22)
Phone: AT 1-9245

SALES OFFICES

PENNSYLVANIA

PITTSBURGH (cont.)

804. Black & Decker
5437 Baum Blvd. (22)
Phone: EM 2-2700
805. Bliss Co., E. W.
901 Bingham St. (3)
Phone: HE 1-3000
806. Boder Scientific Co.
801-814 Penn Ave. (22)
Phone: LO 1-2340
807. Bollinger, W. H.
P. O. Box 8088 (16)
Phone: LO 1-2340
808. Boon, E. E.
226 Garland Ave.
P. O. Box 1632
Phone: PE 1-8517
809. Borjeson, Richard A.
354 Knodler Rd.
Phone: CO 1-2827
810. Bradshaw & Co.
311 Ross St. (19)
Phone: CO 1-2827
811. Bridgeport Brass Co.
618 Swinsvale Ave. (21)
Phone: FR 1-2851
812. Bristol Metal Products Co.
611 Bessemer Bldg. (22)
Phone: GR 1-9988
813. Bristol Co., The
2250 Nobletown Rd. (5)
Phone: WA 2-2100
814. Brown, E. T.
178 Woodland Dr., Pleasant Hill (36)
Phone: TU 4-2552
815. Brown & Zortman Machinery Co.
4 W. Manilla Ave. (20)
Phone: WA 2-3021
816. Bullard Co., The
Empire Bldg., Room 814 (22)
Phone: AT 1-6346
817. Butts, John D.
926 Grant Bldg. (19)
Phone: AT 1-7680
818. CSA
Campbell's Run Rd. near Route 60
P. O. Box 4514
Phone: WA 2-3002
819. Cadman Mfg. Co., A. W.
2816 Smallman St.
Phone: AT 1-6683
820. Carbide Inc., Glen
704 2nd Ave. (19)
Phone: CO 1-4880
821. Carlin Co., D. N.
132 S. Whitfield St. (6)
Phone: MO 1-0290
822. Carlson, O. G.
135 Abbeyville Rd. (28)
Phone: LI 7-2346
823. Carmac Chemical Co.
1015 Peralta St. (12)
Phone: FA 2-1230
824. Carpenter Steel Co., The
Parkway Office Center
875 Greentree Rd. (20)
Phone: WA 1-7755
825. Carrier Corp.
1606 First National Bank Bldg. (22)
Phone: GR 1-2869
826. Century Electric Co.
3105 Banksville Rd. (16)
Phone: LO 1-3129
827. Chain Belt Co.
300 Mt. Lebanon Blvd. (34)
Phone: LO 2-3900
828. Charken Co. Inc.
439-441 McNeilly Rd. (26)
Phone: LO 3-5204
829. Chase Brass & Copper Co.
1001 Brighton Rd. (33)
Phone: CE 1-7900
830. Chicago Pneumatic Tool Co.
368 Coltart Ave. (13)
Phone: MU 1-9822
831. Chicago Rawhide Mfg. Co.
729 Washington Rd. (28)
Phone: FI 1-1237
832. Christman Co., Wm. T.
329 Fort Pitt Blvd. (22)
Phone: GR 1-8828
833. Cincinnati Milling & Grinding Machines Inc.
666 Washington Rd. (28)
Phone: LO 1-8116
834. Clark Controller Co., The
2882 W. Liberty Ave. (18)
P. O. Box 9990
Phone: LO 1-3542
835. Clark Co., Russell F.
1409 Clark Bldg. (22)
Phone: AT 1-8009
836. Cleco Air Tools
423 McNeilly Rd. (26)
Phone: LO 3-2300
837. Cleveland Tramrail Pittsburgh Co.
1112 House Bldg. (22)
Phone: GR 1-2022
838. Colgate, R. A.
P. O. Box 11645
Phone: LE 1-2942
839. Colonial Supply Co.
217 Fort Pitt Blvd. (22)
Phone: CO 1-4493
840. Columbia Machinery & Supply Co.
3 Glenbury St., Overbrook (34)
Phone: TU 1-6004
841. Columbia Steel & Shafting Co.
P. O. Box 1557 (30)
Phone: WA 1-3128
842. Commercial Products Co.
4602 Clairton Blvd. (36)
Phone: TU 1-6004
843. Continental Sales & Engrg.
211 Neilson Ave. (35)
P. O. Box 10505
Phone: CH 1-5660
844. Controlmatic Co.
345 Mt. Lebanon Rd.
Phone: LO 31-4611
845. Cooper Co., F. R.
1573 Clark St. (4)
Phone: PE 1-8660
846. Crane Packing Co.
4135 Brownville Rd. (27)
Phone: TU 4-0131
847. Cunningham, Don R.
812 Maplewood Dr. (34)
Phone: LO 1-4400
848. Cuno Engrg. Corp., The
1610 Potomac Ave. (18)
P. O. Box 8028
Phone: LO 1-4400
849. Cutler-Hammer Inc.
2240 Nobletown Rd. (5)
Phone: WA 2-3707
850. Damon & Co.
580 Grant St. (19)
Phone: EL 1-1977-78
851. Damrau, Edw. A.
7226 Edgewood Ave. (18)
Phone: EL 1-1977-78
852. Dempler Co., George P.
1610 Potomac Ave.
Phone: LO 1-4400
853. Detrex Chemical Industries Inc.
36th & R. R. Sts.
Phone: MU 2-2774
854. DeVilbiss Co., The
505 Plaza Bldg. (19)
Phone: AT 1-5358
855. Dietzgen Co., Eugene
339 Blvd. of Allies (22)
Phone: AT 1-2200
856. Dinger, Ted
1208 Powers Run Rd. (38)
Phone: CO 1-3560
857. Dingle-Clark Co., The
311 Ross St. (19)
Phone: CO 1-3560
858. Diston Div.
329 Rockhill Rd. (16)
Phone: CA 1-7486
859. Dodge Mfg. Corp.
2 Gateway Center (22)
Phone: CO 1-2747
860. Donnelly Co., Frank T.
1372 Freeport Rd. (38)
P. O. Box 11527
Phone: ST 1-7110
861. Dravo Corp.
Machinery Div.
Phone: MU 1-9822
862. Dumlaker Co. Inc., Ernest W.
6314 Penn Ave. (6)
Phone: HI 1-4578
863. Dunsford, Jan R.
1713 Investment Bldg. (22)
Phone: CO 1-3159
- PITTSBURGH (cont.)**
864. Eclipse Air Brush Co.
530 8th Ave. (19)
Phone: GR 1-3838
865. Ekedahl Tool & Supply Co.
Library Rd. & Milford Dr. (34)
P. O. Box 10447
Phone: LE 1-2850
866. Elgin National Watch Co.
1002 Greentree Rd. (20)
Phone: GR 1-3660
867. Elliott Co., B. K.
536 Penn Ave. (22)
Phone: GR 1-3660
868. Engineered Industrial Equip. Co.
4412 Liberty Ave. (34)
Phone: MU 1-8222
869. Equip. Engrg. Corp.
1441 Sheffield St. (33)
Phone: FA 2-1224
870. Eschbacher, Donald
1511 Van Dr. (37)
Phone: GR 1-9732
871. Esposito & Co., Ralph
5840 Broad St. (4)
Phone: HI 1-8548
872. Ex-Cell-O Corp.
1029 Wood St. (21)
Phone: CH 1-4080
873. Factory Supplies Inc.
2012 Babcock Ave. (9)
Phone: EM 2-1818
874. Fafnir Bearing Co., The
210 S. Highland Ave. (6)
Phone: EM 2-1818
875. Fairbanks Co., The
15 Stanwix St. (22)
Phone: CO 1-1887
876. Farrell, Edward J.
230 Beverly Rd.
Phone: LO 1-2645
877. Figner Co., John E.
1007 LeClair Ave. (18)
Phone: CH 1-6133
878. Firth Sterling Inc.
3113 Forbes Ave. (30)
Phone: MU 2-4600
879. Fisher Scientific Co.
717 Forbes St.
Phone: MU 2-4600
880. Follansbee Industrial Sales Co.
4716 Ellsworth Ave. (13)
P. O. Box 7185
Phone: MA 1-6653
881. Foster Co., D. D.
2210 Koppers Bldg. (19)
Phone: AT 1-0864
882. Foster-McClinton Inc.
345 Mt. Lebanon Blvd. (34)
Phone: LE 1-7113
883. Fraunheim, Pierce
389 Broadmoor Ave. (34)
Phone: LO 1-4231
884. Frick & Lindsay Co.
Sandusky & Robinson Sts. (12)
Phone: FA 1-5700
885. Gardner-Denver Co.
520 McNeilly Rd. (26)
Phone: LO 1-6011
886. Gardner Machine Co.
259 Beverly Rd. (16)
Phone: LE 1-9779
887. Garlock Packing Co., The
933 Penn Ave. (22)
Phone: CO 1-2222
888. Garretson & Son, Henry
1003 House Bldg.
Phone: CO 1-2222
889. Gateway Industrial Supply Inc.
6303 Penn Ave. (6)
Phone: CO 1-3858
890. General Controls Co.
4 Smithfield St. (22)
Phone: CO 1-3858
891. General Electric Co.
The Oliver Bldg.
Mellon Square
Phone: AT 1-6400
892. Gibson & Stanier Engr. Inc.
P. O. Box 9742 (29)
Phone: WE 1-5522
893. Gilling Engrg. Co.
1207 Chateau St. (33)
Phone: AL 1-1420
894. Gisholt Mfg.
204 Whitehall Center Bldg.
4140 Brownsville Rd. (27)
Phone: TU 2-6500
895. Glassner Equip. Co.
1942 5th Ave. (19)
Phone: CO 1-5897
896. Graybar Electric Co. Inc.
800 Ridge Ave. (12)
Phone: CH 1-8867
897. Greenleaf Co., Walter J.
512 Franklin Ave. (21)
Phone: CH 1-8867
898. Griffith, J. Guy
1251 Union Trust Bldg. (19)
Phone: AT 1-3854
899. Grove Co., Don S.
Union St. Ext. (23)
Phone: ST 1-6100
900. Hamen, Robert A.
412 Clocky Ave. (28)
Phone: MU 1-3120
901. Hammerschmidt, Lee
12 Barton Dr. (21)
Phone: CH 1-9295
902. Harnischfeger Corp.
1428 Banksville Rd. (16)
Phone: FI 1-5274
903. Harris Pump & Supply Co.
Brady & Sidney Sts. (3)
Phone: HU 1-4400
904. Hartley-Rose Co.
144 46th St. (1)
Phone: MU 1-3120
905. Henk Sons, E. J.
2 Crallo Ave. (10)
Phone: TU 1-6737
906. Henry, R. E. C.
9635 Albemarle Dr. (37)
Phone: MU 1-3120
907. Heppenstall
4620 Hatfield St. (1)
Phone: MA 1-2000
908. Herchenrother & Co., Geo.
P. O. Box 10445 (34)
Phone: FI 1-9300
909. Hermann Co., Paul F.
6041 Stanton Ave. (6)
Phone: EM 1-6588
910. Hewitt-Robins
951-952 Union Trust Bldg. (19)
Phone: AT 1-3548
911. Higbee, T. S.
1007 McCarty St. (20)
Phone: WA 1-5171
912. Hiller Co., Ralph A.
4133 Brownsville Rd. (27)
Phone: TU 2-7353
913. Hixson Material Handling
1489 Blossom Hill Rd. (34)
Phone: TU 2-0550
914. Holliday Co., R. L.
3737 Poplar Ave. (34)
Phone: LO 1-7620
915. Holsberg, W. A.
P. O. Box 5787 (8)
Phone: CH 1-0480
916. Holveck, J. Thos.
P. O. Box 8564, Wabash Station
Phone: AT 1-9759
917. Houghton & Co., E. F.
Bessemer Bldg., Room 401 (22)
Phone: AT 1-9759
918. Hydraulic Press Mfg. Co., The
512-513 Empire Bldg. (22)
Phone: GR 1-6999
919. Hyatt Bearings Div.
702 Grant Bldg. (19)
Phone: AT 1-2927
920. I-T-E
249 Craig St. (13)
Phone: MU 1-5381
921. Ideal Industries Inc.
Bessemer Bldg. (22)
Phone: AT 1-8338
922. Industrial Rubber Products Co.
505 Magee St. (19)
Phone: AT 1-0455
923. Industrial Specialties Co.
300 Mt. Lebanon Blvd.
Phone: FI 1-4090
924. Ingersoll-Rand Co.
932 Penn Ave. (22)
Phone: AT 1-9070
925. International Nickel Co., Inc., The
2 Gateway Center (22)
Phone: AT 1-9544

PITTSBURGH (cont.)

926. Irvin, R. L.
713 Investment Bldg. (22)
Phone: GR 1-8300
927. J & L
3 Gateway Center (30)
928. Jackson Welding Supply Co.
1421 W. Carson St. (19)
929. Jacobs & Assoc. Inc., M. S.
810 Noblestown Rd. (5)
Phone: WA 1-6140
930. Jervis-Webb Co.
1430 Potomac Ave. (16)
Phone: LO 3-0800
931. Jessop Steel Co.
250 Mt. Lebanon Blvd.
(34)
Phone: FI 1-3157
932. Jones, Harold G.
602 Empire Bldg. (22)
Phone: AT 1-8212
933. Joy Mfg. Co.
3021 Banksville Rd. (16)
Phone: LO 3-4000
934. Kable, Warren T.
7614 Waverly St. (21)
Phone: CH 2-2230
935. Kaiser Aluminum & Chemical Sales Inc.
140 Stanwix St. (22)
Phone: EX 1-0280
936. Karthaus & Co., Carl A.
1502 Union Bank Bldg.
(22)
Phone: AT 1-9111
937. Kearney & Sons, J. C.
101 Pennsylvania Blvd.
Phone: LO 1234
938. Kearney & Trecker Corp.
4 W. Manilla Ave. (20)
Phone: WA 2-1565
939. Kennametal Inc.
600 Grant St., Room 902
(19)
Phone: AT 1-4543
940. Kerr Co. Inc., W. G.
601 McKay Bldg.
1005 Liberty Ave. (22)
Phone: AT 1-4254
941. Kleinbans Co., H.
514 Union Trust Bldg. (19)
Phone: AT 1-4441
942. Kline, Robert K.
P. O. Box 5828 (9)
Phone: FO 4-5167
943. Kraus Co., L. E.
4512 Clairton Blvd., Route
51 (36)
P. O. Box 10882
Phone: TU 4-5040
944. Krumm Equip. Co.
3602 Penn Ave.
Phone: CO 1-4847
945. Lake Shore Inc.
509 Oliver Bldg. (20)
Phone: EX 1-2152
946. Landis Tool Co.
204 Whitehall Center Bldg.
4140 Brownsville Rd. (27)
Phone: TU 1-4877
947. Lang Machinery Co.
28th St. & A. V. RR
948. Lappe Supply Co.
85 S. 24th St., S. Side (3)
Phone: HU 1-0600
949. Laska, Walter N.
530 6th Ave. (19)
Phone: GR 1-0490
950. Latrobe Steel Co.
4232 Brownsville Rd. (27)
Phone: TU 4-4505
951. Leatherby, V. C.
104 4th St. (15)
Phone: ST 2-2222
952. Leeds & Northrup Co.
300 Mt. Lebanon Blvd.,
Room 205 (34)
Phone: LO 1-7808
953. Leaker, Kurt
4535 Veman Ave. (27)
Phone: TU 1-4666
954. Lincoln Electric Co., The
Campbell Run Rd. (5)
Phone: WA 1-4551
955. Lindberg Engrg. Co.
345 Mt. Lebanon Blvd. (34)
Phone: LO 1-5666

956. Linde Co.

- 444 The Oliver Bldg.
Mellon Square (22)
Phone: EX 1-3800
957. Lindsay Co., H. J.
618 W. Warrington Ave.
(26)
Phone: HU 1-3400
958. Logan Co.
4602 Clairton Blvd. (36)
Phone: TU 2-4433
959. Logan, William "Bill"
140 Hillendale (3)
960. Lowry-Dietrich Co.
703 Clairton Blvd. (26)
Phone: WA 1-2959
961. Lyle Brothers
127 Fort Pitt Blvd.
Phone: CO 1-1825
962. Machinery & Machine Supplies Co. Inc.
2108 1/2 Broadway
Phone: FI 1-1111
963. Machinery Sales Co.
1923 Forbes St.
Phone: AT 1-4031
964. Magill Co., F. R.
44 McKnight St.
Phone: WA 1-8500
965. Magnaflex Corp.
5161 Brownsville Rd. (36)
Phone: TU 2-3448
966. Magnus Co.
P. O. Box 7943 (16)
Phone: LO 1-4412
967. Mahaffey Equip. Co.
1200 Freeport Rd. (38)
Phone: ST 1-1400
968. Manning, Maxwell & Moore Inc.
1412 Park Bldg.
Phone: AT 1-6346
969. Marathon Electric Mfg. Corp.
516 Federal St. (12)
Phone: FA 1-4486
970. Marshall Elevator Co.
2015 Mary St., SS (3)
971. Masterworks Paint Co.
6247 Broad St.
Phone: EM 1-8770
972. Material Handling Inc.
Parkwy, W.
Phone: WA 2-1234
973. McBeth Machinery Co.
300 Mt. Lebanon Blvd.
(34)
Phone: LO 3-2500
974. McCrady-Weinkauff Inc.
P. O. Box 11566 (38)
Phone: EM 2-0662
975. McInnes, Colin
104 1st Ave. (22)
Phone: CO 1-1432
976. McJunkin Co., H. K.
7725 Stanton Ave. (18)
Phone: BR 1-0575
977. McKee-Oliver
1326 W. Carson St.
Phone: CO 1-4920
978. McKnight Hardware Co., Samuel
225 Federal St. (12)
Phone: FA 1-0195
979. Mendlow, E. J.
1088 Thornwood Dr.
Phone: LO 1-8237
980. Merit Machinery Inc.
2311 Babcock Blvd. (37)
Phone: WE 1-6806
981. Mille Co., John
P. O. Box 7915 (16)
Phone: LO 1-0117
982. Miller Electric Mfg. Co. Inc.
520 Lucia Rd. (21)
Phone: EL 1-3663
983. Miller Fluid Power Div.
1029 Wood St.
Phone: PE 1-6506
984. Milligan Co., J. B.
7800 Edgewood Ave.
Phone: EL 1-3255
985. Monarch Machine Tool Co., The
962 Greentree Rd. (20)
Phone: WA 1-2969
986. Moore & Co., Edgar M.
6964 Thomas Blvd. (8)
Phone: EM 1-8780

PITTSBURGH (cont.)

987. Moore Products Co.
300 Mt. Lebanon (34)
Phone: FI 1-9000
988. Morgan Co., E. F.
1526 Farmers Bank Bldg.
(22)
Phone: AT 1-1564
989. Morris Co., S. G.
Shields Bldg., Room 306
822 Wood St. (21)
Phone: PE 1-8655
990. Morse Chain Co.
503 Martin Bldg.
119 Federal St. (12)
Phone: AL 1-3793
991. Moslo Machinery Co.
300 Mt. Lebanon Blvd.
(19)
992. Motch & Merryweather Machinery Co., The
Parkway Center
875 Greentree Rd. (20)
Phone: WA 1-1636
993. Murray Co., James S.
300 Mt. Lebanon Blvd.,
Suite 201 (34)
P. O. Box 10417 (34)
Phone: FI 1-4702
994. Murray, John W.
916 Summer Pl. (16)
Phone: FI 1-9741
995. Mueller Brass Co.
516 Federal St., Room 211
(12)
Phone: AL 1-8634
996. Nagel Mechanical Drives Co.
992 Perry Hwy. (37)
Phone: WE 1-5400
997. National Screw & Mfg. Co.
Peoples E. End Bldg.
6004 Penn Ave. (6)
Phone: EM 1-2674
998. National Supply Co.
2 Gateway Center (1)
Phone: EX 1-2900
999. National Tube Div.
525 William Penn Pl. (30)
Phone: EX 1-2345
1000. Nelson Engrg. Sales Co.
524 Grant Bldg. (19)
Phone: CO 1-4432
1001. Nelson Stud Welding Div.
Bldg. 1, Parkway Center
875 Greentree Rd.
Phone: WA 2-2515
1002. Newell Co., P. W.
Liberty Bldg.
6101 Penn Ave.
Phone: MO 1-5768
1003. Newman, C. E.
8280 Tanglewood Rd. (37)
Phone: FO 4-4061
1004. Norton Co.
1130 Butler Plank Rd. (23)
Phone: ST 1-9455
1005. Nourie Inc., Leonard R.
2414 W. Liberty Ave. (26)
Phone: LO 1-1628
1006. Nurnberger Co., R. C.
131 Peony Ave. (29)
1007. Nypenno Sales Co.
502 Chestnut St. (12)
Phone: FA 1-6263
1008. Oakite Products Inc.
733 Washington Rd. (28)
Phone: LO 1-4611
1009. Ohio Knife Co., The
1750 N. Highland Rd. (28)
Phone: LO 3-3411
1010. Ohio Seamless Tube
1206 Pinewood Dr. (16)
Phone: FI 1-1173
1011. Oil Products Co. Inc.
28th & Smallman Sts. (22)
Phone: AT 1-4340
1012. Oil Well Supply Co.
Div. U. S. Steel
525 Wm. Penn Pl.
Phone: BR 9-2550
1013. Olsen Co., John O.
104 Elatan Dr. (16)
Phone: BR 9-2550
1014. Orr Co. Inc., William M.
N. Braddock Ave. at
Thomas (8)
Phone: CH 2-3000

PENNSYLVANIA

1015. Osborn Mfg. Co., The
312B Investment Bldg.
(22)
Phone: AT 1-3386
1016. Otis, Wm. E.
5840 Aylesboro Ave. (17)
Phone: JA 1-2411
1017. Over & Conrad Co.
Investment Bldg.
239 4th Ave. (22)
Phone: CO 1-3720
1018. Overpeck Co., J. H.
1112 House Bldg. (22)
Phone: GR 1-2022
1019. Palmer-Bee Co.
907 Peoples E. Eng. Bldg.
6000 Penn Ave. (6)
Phone: EM 1-6095
1020. Pangborn Corp.
700 Wood St., Room 105
(21)
Phone: CH 1-3919
1021. Pannier Corp.
223 Pannier Bldg. (12)
Phone: FA 1-5185
1022. Parke & Assoc., Frank E.
1121 Empire Bldg. (22)
Phone: CO 1-1160
1023. Parke Co., H. B.
936 Butler St., Etna (23)
Phone: ST 1-8004 or 1-2477
1024. Parker-Hannifin Industrial Sales Office
300 Mt. Lebanon Blvd.,
Suite 230 (34)
Phone: LE 1-7723
1025. Pattern & Wood Shop Supply Co.
3109 Forbes St. (13)
Phone: MU 1-0818
1026. Patterson Co. Inc., P. A.
1029 Wood St. (21)
Phone: PE 1-0203
1027. Peninsular Grinding Wheel Co.
3829 Willow Ave., Room
208 (34)
Phone: FI 1-5066
1028. Penn General Supply Co.
109-11 Wood St. (22)
Phone: GR 1-2770
1029. Penn Petroleum Corp.
Phone: EV 1-3400
1030. Pennell Assoc.
3223 W. Liberty Ave. (16)
Phone: LO 1-4117
1031. Pennington, D. R.
214 Park Pl., McKnight
Village (37)
Phone: FO 4-5111
1032. Pa. Sling Co.
501 McNeilly Rd. (26)
Phone: LO 3-2400
1033. Phillips Co., E. S.
931-915 Penn Ave. (21)
Phone: CH 1-6256
1034. Pittsburgh Chemical Branch
300 Cedar Blvd. (28)
Phone: LE 1-8322
1035. Pittsburgh Controls Inc.
1230 Ridge Ave. (33)
Phone: FA 2-5166
1036. Pittsburgh Crushed Steel Co.
P. O. Box 4038, Arsenal
Station (1)
Phone: MU 2-1754
1037. Pittsburgh Gage & Supply Co.
3000 Liberty Ave. (30)
Phone: GR 1-6600
1038. Pittsburgh Gear Co.
Neville Island (25)
Phone: SP 1-4600
1039. Plotz, R. G.
P. O. Box 8043 (16)
Phone: TE 3-1699
1040. Porter Co. Inc., H. K.
Alcoa Bldg.
Phone: PO 6-6762
1041. Post Co., Frederick
110 6th St. (22)
Phone: AT 1-3350
1042. Pratt & Whitney Co. Inc.
683 Lincoln Ave. (2)
Phone: PO 1-7212
1043. Precision Grinding Wheel Co. Inc.
1320 Penn Ave. (22)
Phone: LE 1-4044

SALES OFFICES

PENNSYLVANIA

PITTSBURGH (cont.)

- 1044. Production Components Co.
1754 N. Highland Ave. (28)
Phone: LO 3-1888
- 1045. Provance Co., Karl C.
1501 Potomac Ave.
Phone: LO 1-0142
- 1046. R-P&C Valve Div.
2250 Noblestown Rd. (5)
Phone: WA 2-2100
- 1047. Ra-Drill Machinery Inc.
535 McNeilly Rd. (26)
Phone: LO 1-3033
- 1048. Reece-Geislinger Assoc.
1750 N. Highland Rd. (28)
Phone: LO 3-2300
- 1049. Rees Machinery Co. Inc.
Woods Bldg., Greentree
Rd. (20)
Phone: LO 3-4551
- 1050. Reichhold Chemicals Inc.
1401 Oliver Bldg. (22)
Phone: GR 1-6645
- 1051. Reineck & Sons, Carl H.
231 Jonquil Pl. (34)
Phone: LO 1-9238
- 1052. Reliance Electric & Engrg.
Co.
250 Mt. Lebanon Blvd.
Phone: LO 3-5010
- 1053. Republic Steel Corp.
1332 Henry W. Oliver
Bldg. (22)
Phone: GR 1-2425
- 1054. Revere Copper & Brass Inc.
666 Washington Rd. (28)
Phone: LO 1-8606
- 1055. Ryenolds Metals Co.
1 Gateway Center (22)
Phone: GR 1-9191
- 1056. Rite-Way Tool Co.
4700 Clairton Rd., Route 51
(36)
Phone: TU 1-3535
- 1057. Ritter Engrg. Co.
1409 Sedgwick St. (33)
Phone: FA 1-8538
- 1058. Robertson, Frank W.
1029 Wood St. (21)
P. O. Box 8774
Phone: FR 1-6252
- 1059. Rockwell Mfg. Co.
400 N. Lexington Ave. (8)
Phone: CH 1-3400
- 1060. Rollway Bearing Co. Inc.
7308 Church Ave. (2)
Phone: PO 1-7863, 1-7989
- 1061. Rosedale Foundry & Machine
Co.
1731 Preble Ave. (33)
Phone: CE 1-4007
- 1062. Rotor Tool Co., The
666 Washington Rd. (28)
Phone: FI 1-4260
- 1063. Russell, Burdall & Ward
Bolt & Nut Co.
First National Bank Bldg.
(22)
Phone: AT 1-5773
- 1064. Russell, Troy
901 Ross Ave. (21)
Phone: CH 1-5065
- 1065. Rutledge Equip. Co.
334 Blvd. of the Allies (22)
Phone: CO 1-1415
- 1066. Ryberg, Robert G.
154 Straw Ave., Bellevue
(2)
Phone: PO 1-2200
- 1067. Ryerson & Son Inc., Jos. T.
Box 1919 (30)
Phone: WA 1-7540,
BR 9-0900
- 1068. Ryman's Sons, Frank
435 Porter Bldg.
601 Grant St. (19)
Phone: GR 1-2878
- 1069. SKF Industries Inc.
9000 McKnight Rd. (37)
P. O. Box 11068
Phone: WE 1-2955
- 1070. Safety First Supply Co.
425 Magee St. (19)
Phone: GR 1-8855
- 1071. Saville & Co.
739 Rebecca Ave. (21)
Phone: PE 1-6461

- 1072. Schroeder Enterprises
38 Norway Dr. (37)
Phone: FO 4-2446
- 1073. Scott & Steffen Inc.
507 Liberty St. (22)
Phone: GR 1-5233
- 1074. Sela Corp. of Amer.
345 Mt. Lebanon Blvd. (34)
Phone: LO 1-0115
- 1075. Seville & Co.
739 Rebecca Ave. (21)
Phone: GR 1-0946
- 1076. Shields, Jr., W. D.
Investment Bldg. (22)
Phone: GR 1-0946
- 1077. Shields Rubber Corp.
137 Fort Pitt Blvd. (22)
Phone: AT 1-8200
- 1078. SKIL Corp.
3221 Liberty Ave. (1)
Phone: CO 1-6457
- 1079. Snap-on Tools Corp.
630 Ardmore Blvd. (21)
Phone: CH 2-5551
- 1080. Snafsky, E. A.
104 Elston Dr. (16)
Phone: BR 9-2550
- 1081. Somers, Fitter & Todd Co.
325 Fort Pitt Blvd. (30)
Phone: CO 1-4860
- 1082. Sperry Products Co.
7405 Penn. Ave. (8)
Phone: FR 1-3335
- 1083. Stamets Co., Wm. K.
Jenkins Arcade Bldg. (22)
Phone: AT 1-8091
- 1084. Standard Machinists Supply
Co.
S. 2nd & McKean Sts. (30)
P. O. Box 1287
Phone: HE 1-8700
- 1085. Starr, Paul
4403 Centre Ave. (13)
Phone: LO 1-4011
- 1086. Star Stainless Screw Co.
4244 Saline St.
Phone: LO 1-6412
- 1087. Steel City Tool & Machinery
Co.
3045 W. Liberty Ave. (16)
Phone: LO 1-4011
- 1088. Steel Shot Producers Inc.
4839 Harrison St. (1)
Phone: MU 2-1754
- 1089. Sterling Electric Motors Inc.
P. O. Box 7943 (16)
Phone: LO 1-6412
- 1090. Stoner, R. H.
333 Blvd. of the Allies (22)
Phone: EX 1-1723
- 1091. Stucky, Fred
1226 Michael Dr. (27)
Phone: TU 1-8106
- 1092. Sun Oil Co.
Freeport Rd. & Boyd Ave.
(38)
Phone: ST 1-1252
- 1093. Sundstrand Machine Tool
246 Washington Rd. (16)
Phone: FI 1-4040
- 1094. Supplies Inc.
1214-1220 Liverpool St.
(12)
Phone: AL 6330
- 1095. Surface Combustion
4154 Library Rd. (34)
Phone: LO 1-6112
- 1096. Swigart Co. of Pittsburgh,
The E. & J.
934 Penn. Ave. (22)
Phone: AT 1-5378
- 1097. Syntrol Pittsburgh Sales Co.
119 Federal St. (12)
Phone: AL 1-6030
- 1098. Taylor, A. V.
2502 Collins Rd. (35)
Phone: FR 1-8485
- 1099. Thor Power Tool Co.
204 Thomas St., Wilkins-
burg (21)
Phone: FR 1-6135
- 1100. Timken Roller Bearing Co.,
The
2180 Noblestown Rd. (5)
Phone: WA 2-0931
- 1101. Titzel Engrg. & Equip. Co.
260 42nd St.
Phone: MU 1-9623
- 1102. Tocco Div.
1300 Freeport Rd. (38)
Phone: ST 2-2221

PITTSBURGH (cont.)

- 1103. Tool Engineer Products Co.
P. O. Box 903 (30)
Phone: MU 2-0924
- 1104. Transmission Equip. Co.
1200 Muriel St. (3)
Phone: HE 1-2100
- 1105. Tranter Mfg. Co.
105 Fort Pitt Blvd. (22)
Phone: CO 1-0600
- 1106. Tri-State Machinery Co.
535 McNeilly Rd. (26)
P. O. Box 9606
Phone: LO 1-1471
- 1107. Turner Co., C. A.
P. O. Box 928 (30)
Phone: EL 1-2116
- 1108. Union Carbide Plastics Co.
537 Smithfield St. (22)
Phone: EX 1-3800
- 1109. U. S. Gypsum Co.
733 Washington Rd. (28)
Phone: LO 1-4600
- 1110. U. S. Steel Corp.
525 William Penn Pl. (30)
P. O. Box 2069
Phone: EK 1-2345
- 1111. Universal-Cyclops Steel
Corp.
20 Cedar Blvd. (28)
Phone: LO 3-5550
- 1112. Vanadium-Alloys Steel Co.
3003 Grant Bldg. (19)
Phone: GR 1-4760
- 1113. Veeder-Root Inc.
1122 Park Bldg.
355 5th Ave. (22)
Phone: GR 1-3773
- 1114. Vickers Inc.
307 Stevenson Bldg.
666 Washington Rd. (28)
Phone: LO 1-3504
- 1115. Voas Machinery Co.
515 S. Main St. (20)
Phone: WA 2-1900
- 1116. Wales Strippit Inc.
530 6th Ave. (19)
Phone: CO 1-4953
- 1117. Wall Colmonoy Corp.
132 S. Whitfield St. (8)
Phone: EM 1-7448
- 1118. Warner & Swasey Co., The
4 W. Manilla Ave. (20)
Phone: WA 2-2032
- 1119. Weber Welding Supply Co.
5108-14 Liberty Ave. (24)
Phone: MA 1-5230
- 1120. Weinman Pump & Supply
Co.
317 S. Main St.
Phone: WA 1-7704
- 1121. Weiss, Robert J.
1619 Blossom Hill Rd. (34)
Phone: FI 1-9190
- 1122. Welch Equip. Co.
646 Washington Rd. (28)
Phone: FI 1-7665
- 1123. Weld Tooling Corp.
3001 W. Carson St. (4)
Phone: FE 1-1776
- 1124. Welsh & Co.
527 Park Bldg. (22)
Phone: CO 1-2976
- 1125. West Pa. Lacquer Co.
331 Ohio, Millvale (9)
- 1126. Whitaker & Son, Earl E.
822 Wood St., Wilkinsburg
(12)
Phone: FR 1-6220
- 1127. White, R. T.
1501 Penn. Ave. (21)
Phone: FR 1-1410
- 1128. Whiting Corp.
1109 Empire Bldg. (22)
Phone: AT 1-4846
- 1129. Willie & Assoc., Armin H.
411 Highland Ave.
Phone: EM 1-4697
- 1130. Williams & Co. Inc.
901 Pennsylvania Ave.
(33)
Phone: CE 1-9600
- 1131. Williams Co., J. W.
401 Amberson Ave. (6)
Phone: MU 1-5500
- 1132. Williams Co., Joseph H.
P. O. Box 10381 (34)
Phone: LO 1-0213

- 1133. Winterling Co., James T.
1318 Arch St. NW. (12)
Phone: FA 1-5206
- 1134. Wolfston Engrg. Inc.
Keystone Bldg. (22)
Phone: EK 1-3109
- 1135. Wood Co., G. C.
3045 W. Liberty Ave. (16)
P. O. Box 8025
Phone: LO 1-4777
- 1136. Wood Co., H. F.
4300 Butler St. (1)
- 1137. Woolman, Harold
2 W. Manilla Ave. (30)
Phone: WA 2-2420
- 1138. Wright Holst Div.
2250 Noblestown Rd. (5)
Phone: WA 2-2100
- 1139. Wyckoff Steel Co.
P. O. Box 1254 (30)
Phone: AT 1-2750
- 1140. Yale & Towne Mfg. Co., The
5945 Centre Ave. (8)
Phone: EM 1-2500
- 1141. Yoder Co., The
2111 First National Bank
Bldg. (22)
Phone: CO 1-5011

PITTSBURGH

- 1142. Eagen Hardware Co.
38 S. Main St.

PLYMOUTH MEETING

- 1143. Daley, Ray J.
3128 Colony
Phone: TA 8-0764
- 1144. Shane, James D.
56 Red Rowan Lane
Phone: TA 8-5530

POTTSTOWN

- 1145. Fegely & Son Hardware Co.,
J.
12 S. York St.
Phone: PO 15
- 1146. Pollock Industries Inc.
S. Keim St.
Phone: FA 3-5500

PRIMOS

- 1147. CSA
408 S. Oak Lane
Phone: GR 4-1100

PROSPECT PARK

- 1148. Alretool Mfg. Co., The
650 Maryland Ave.
Phone: LE 2-5700

READING

- 1149. Allis Co., The Louis
2904 Kutztown Rd.
Phone: WA 9-3673
- 1150. Atlantic Refining Co., The
1st & Pennsylvania Aves.
Phone: FR 5-4301
- 1151. Bell & Whitaker Inc.
3623 Jacksonwald Ave.
Phone: FR 5-6837
- 1152. Bellows-Valvair
198 E. Wyomissing Ave.
Phone: SP 7-1661
- 1153. Brown Engrg. Co.
123 N. 3rd St.
Phone: FR 3-4127
- 1154. Chem-Tronics Inc.
R. D. 3
Phone: FR 3-6837
- 1155. Eberly Inc., John A.
Phone: SP 7-1336
- 1156. Fortna & Brother, H. E.
313 N. 3rd St.
Phone: FR 6-5473
- 1157. General Electric Co.
31 N. 6th St.
Phone: 4-5109
- 1158. Glibney International Co.
126 N. 5th St.
- 1159. Oakite Products Inc.
R. D. 3
Phone: FR 4-2447
- 1160. Palmer, James G.
42 Park Rd.
- 1161. Reading Machine & Tool Co.
500 N. 11th St.
- 1162. Seaman Mill Supplies Inc.
826 Franklin St.
P. O. Box 1658
Phone: FR 6-9711

SALES OFFICES

1163. Syntron Reading Sales Co.
503 Harding Ave.
Phone: SP 7-4831
1164. Thomas Body Parts Co.
516 Wood St.
Phone: FR 6-4088
1165. Tragle Mfg. Co.
408 N. 6th St.
Phone: 2-7301

RIDGWAY

1166. Elgin National Watch Co.
Center St. Ext.
P. O. Box 121
Phone: PR 2-0375
1167. North Amer. Industrial Supply Co. Inc.
Center St. Ext.
P. O. Box 121
Phone: PR 2-0375

ROSEMONT

1168. DeHuff & Hopkins
910 Conestoga Rd.
Phone: LA 5-4060
1169. Mills, Stuart N.
P. O. Box 493
Phone: LA 5-4778
1170. Plummer, Lawley & Co.
1023 Lancaster Ave.
Phone: LA 5-4978

ROSLYN

1171. Anthony, Frank M.
1230 Colonial Ave.
Phone: TU 7-2391
1172. Garry, James P.
1345 Birchwood Ave.
Phone: WI 5181

RUSHLAND

1173. Cooper, E. Forrest
Box 31
Phone: LY 8-3796

RUTLEDGE

1174. Jones, Norman R.
109 Rutledge Ave.
Phone: KI 3-2147

SCRANTON

1175. Blittenbender Co., The
126-132 Franklin Ave. (2)
Phone: DI 2-8181
1176. Cutler-Hammer Inc.
836 Jefferson Ave.
Phone: DI 7-5843
1177. Grindel Elevator Co.
300 Alder St. (5)
Phone: DI 6-3885
1179. Oakite Products Inc.
1722 Wyoming Ave. (9)
Phone: DI 7-5907
1180. Scott Co., Chas. B.
119-113 Franklin Ave. (3)
Phone: DI 2-8221
1181. Snee & Sunday Co.
222-224 Adams Ave.
Phone: DI 7-4825
1182. Weis & Son, John J.
P. O. Box 1286 (5)
Phone: DI 7-4825
1183. Williams Industrial & Mill Supply Co. Inc.
852 Capouse Ave.
Phone: DI 3-1496

SKIPPACK

1184. E. A. M. Inc.
Phone: JU 4-4284

SOUDERTON

1185. Johnson, Gerald O.
20 W. Chestnut St.
Phone: PA 3-9093

SOUTHAMPTON

1186. Cranks, A. H.
833 Pennsylvania Ave.
Phone: EL 7-6584
1187. Dorn, Albert R.
838 Central Ave.
Phone: EL 7-4060

SPRINGFIELD

1188. Barr, John F.
515 Springview Lane
Phone: KI 3-8174
1189. Boyer, Sam
339 Wayne Ave.
Phone: KI 3-3978

1190. Dow Corning Corp.
432 Northcroft Rd.
Phone: TR 9-3848

1191. Haring, R. G.
444 Glendale Circle
Phone: KI 4-3730

1192. Lincoln Electric Co., The
504 Baltimore Pike
Phone: KI 3-9462

1193. Mac-It Parts Co.
319 Wayne Ave.
Phone: KI 3-6869

1194. Nelson Stud Welding
316 Baltimore Pike
Phone: KI 3-3314

1195. Sundstrand Machine Tool Co.
37 Duncan Lane
Phone: EV 6-4778

SWARTHMORE

1196. Cryer Sales Engrg. Co.
Theatre Square
Phone: KI 4-1540
1197. Molydon Co.
P. O. Box 175
Phone: SW 6-1917

TARENTUM

1198. Oberg Mfg. Co., Inc.
Silverville Rd.
Phone: AC 6-1000

TELFORD

1199. Orban, Robert E.
P. O. Box 194
Phone: PA 3-9590

TITUSVILLE

1200. Grason Corp.
P. O. Box 246
Phone: TI 3-1135

TRAFFORD

1201. Russell, Holbrook & Henderson Inc.
110 Hillcrest Rd.
Phone: WA 2781

TREVOSE

1202. Deane Carbide Products
Box 104
1203. Eastman, H. Bradley
P. O. Box 104

TYLER

1204. Georgino & Son, Patsy

UPPER DARBY

1205. Allen-Bradley Co.
235 Fairfield Ave.
Phone: SH 8-0943
1206. Ampco Metal Inc.
60th St. Theatre Bldg.
Garrett Rd. & Market St.
Phone: FL 2-5991
1207. Bryant Co., John G.
101 E. Township Line Rd.
Phone: HI 6-9630
1208. Delco Machinery Co.
6832 Market St.
P. O. Box 114
Phone: MU 8-3163
1209. Gisholt Machine Co.
325 McClatchy Bldg.
69th & Market Sts.
Phone: SH 7-1010,
FL 2-5631
1210. Hahn, Louis C.
53 Long Lane
Phone: FL 2-6454
1211. Holliday-Hathaway Co. Inc.
8601 W. Chester Pike
Phone: HI 9-2000
1212. Ind. Steel Products
46 Garrett Rd.
Phone: FL 2-4753
1213. Keegan & Co., W. F.
771 Shelbourne Rd., Box 146
Phone: FL 2-1125
1214. Kelso Co., George
7046 Garrett Rd.
P. O. Box 34
Phone: FL 2-1350
1215. Landis Tool Co.
McClatchy Bldg., Room 324-325
69th & Market Sts.
Phone: FL 2-1991

LOGAN CO.

- 7042 Marshall Rd.
Phone: FL 2-5213
1217. Middlestead Co., C. W.
53 Long Lane
Phone: GR 2-2092
1218. Milwaukee Electric Tool Corp.
8921 W. Chester Pike
Phone: SU 9-6332
1219. Production Machinery Distributors
53 Long Lane
Phone: FL 2-6454
1220. Rezolin Inc.
46 Garrett Rd.
Phone: FL 2-0212
1221. Robbins & Myers Inc.
8418 W. Chester Pike
Phone: SH 7-7938
1222. Steinberg Co., Carl F.
304 Huntley Rd.
Phone: FL 2-5835
1223. Whiddett Co., John C.
7714 W. Chester Pike
Phone: TR 8-6400

VALENCIA

1224. Coe, G. B.
Old State Rd., R. D. 1
Phone: AT 1-6050

VALLEY FORGE

1225. McCreery, Jr., Samuel
Howell Rd.
Phone: WE 3-7024

WALLINGFORD

1226. Amer. Steel Foundries
304 Henry Lane
Phone: LO 6-8380
1227. Jones Co. Inc., W. H.
6 Gladstone Rd.
P. O. Box 277
Phone: LO 6-1186
1228. Wilhelmy, Norman E.
4 W. Brookhaven
Phone: LO 6-8362

WARMINSTER

1229. Argus Aero Engrg. Co.
P. O. Box 68
Phone: OS 5-4131

WASHINGTON

1230. Fairmont Supply Co.
437 Jefferson Ave.
P. O. Box 501
Phone: 6010
- 1230A In-Plant General Co.
21 E. Wheeling St.
Phone: BA 2-8090

WAYNE

1231. Cincinnati Milling & Grinding Machines Inc.
57 West Ave.
Phone: MU 8-5701
1232. Creamer, E. J.
381 Warren Dr.
Valley Forge Estates
Phone: MU 8-0670
1233. Cupitt, H. D.
1259 Thomas Rd.
Phone: MU 8-2055
1234. Cutler-Hammer Inc.
65 West Ave.
Phone: TR 8-0820
1235. Ex-Cell-O Corp.
11 West Ave., Room 205
Phone: MU 8-1418
1236. Exolon Co., The
663 General Scott Rd.
Phone: MU 8-0514
1237. Federal Products Corp.
101 E. Lancaster Ave.
Colonial Bldg.
Phone: MU 8-6880
1238. Heald Machine Co., The
57 West Ave.
Phone: MU 8-2933
1239. Kinden, Wallace
20 West Ave.
P. O. Box 146
Phone: MU 8-2329
1240. Leslie, Don G.
Box 326
Phone: MU 8-3311

PENNSYLVANIA

1241. McCann, J. J.
787 Upper Gulph Rd.
Phone: MU 8-3073
1242. Moody Co., J. A.
10 West Ave.
P. O. Box 145
Phone: MU 8-3750
1243. Sangree, Nathan B.
201 Lansdowne Ave.
Phone: MU 8-2106
1244. Wilkins Assoc.
114 Morningside Circle
Phone: MU 8-7568

WESLEYVILLE

1245. Reynolds, Jr., Geo. A.
3640 Ridge Parkway.
P. O. Box 6
Phone: TW 9-9403

WEST CHESTER

1246. Byrnes Co., Richard T.
130 E. Market St.
Phone: OW 6-2845
1247. Godwin, G. G.
R. F. D. 4
Phone: HU 6-0874
1248. Semon, Dale
26 N. Broad St.
Phone: OW 6-0473

WEST CONSHOHOCKEN

1249. Hein Co., Louis H.
1151 Matsons Ford Rd.
Phone: TA 8-5590
1250. Production Specialties
1020 Fort St.
Phone: TA 8-3203

WEST LAWN

1251. Lehr, Alton E.
508 Wellington Ave.

WEST MIFFLIN

1252. Matthews, Francis
638 Kenny St.
Phone: HO 1-2353

WEST READING

1253. Reichenbach Co., N. N.
211 S. 3rd Ave.
1254. Reliance Electric & Engrg. Co.
530 Penn Ave.
Phone: FR 4-5517
1255. Seaman Mill Supplies Inc.
200 Penn Ave.
P. O. Box 1658
Phone: FR 6-5711

WEXFORD

1256. Canning, Howard A.
109 Roscommon Rd.
Box 292
Phone: WE 5-1905

WILKES-BARRE

1257. Bellows-Valvair
303 Market St.
Phone: BU 8-2090
1258. Commercial Gas Corp.
P. O. Box 348
1259. Ensminger & Co. Inc.
S. Franklin & Wood Sts.
Phone: VA 4-3581
1260. Holmes Metallic Co.
519 S. Main St.
Phone: VA 2-7196
1261. Keystone Bearing & Supply Co.
421 S. Main St.
Phone: VA 5-2731
1262. Luzerne & Lackawanna Supply Co.
20 N. Pennsylvania Ave.

WILKINSBURG

1263. Patterson Co. Inc., P. A.
1029 Wood St.
1264. Phillips Co., E. S.
913 Penn Ave.
Phone: CH 1-6256

WILLIAMSPORT

1265. Cassidy, George W.
P. O. Box 238
Sylvan Dell Park

SALES OFFICES

PENNSYLVANIA

WILLIAMSPORT (cont.)

- 1266. Faylan Tool Sales Co.
2171 Inwood Rd.
P. O. Box 843
Phone: 3-5283
- 1267. Hermance Machine Co.
1st & Campbell Sts.
Phone: 7857
- 1268. Horn, C. S.
815 Shiffler
Phone: 2-1242
- 1269. Keeler Co., E.
315-335 W. 3rd St. (28)
Phone: 5175
- 1270. Lomson Sound Systems
1131 Tucker St.
Phone: 7935
- 1271. Lowry Electric Co. Inc.
643 Elmira St. (34)
Phone: 2-7841

WILLOW GROVE

- 1272. Delaware Valley Machinery Inc.
2323 Maplewood Ave.
Phone: OL 9-4600
- 1273. Eastern Equip. Co.
1274. Milnes, Randolph G.
8605 Richard Rd.
Phone: OL 9-2998
- 1275. Young, James S.
184 Cowbell Rd.
Phone: OL 9-3162

WYNCOTE

- 1276. Cooper-Clement Assoc.
835 Glenside Ave.
Phone: LI 8-5450

WYNNWOOD

- 1277. Chicago Pneumatic Tool Co.
312 E. Lancaster Ave.
Phone: MI 9-9300
- 1278. Fischer, Jr., George L.
1230 Knox Rd.
Phone: MI 9-3164
- 1279. Fisher, William
1321 Knox Rd.
Phone: MI 9-3164
- 1280. Huck Mfg. Co.
1 Wynnewood Rd.
Phone: TR 8-4725
- 1281. Lynch Machinery Co., Edward A.
29 E. Wynnewood Rd.
Phone: GR 7-7176
- 1282. Machinery Assoc. Inc.
325 E. Lancaster Ave.
Phone: MI 2-8260
- 1283. Niagara Machine & Tool Works
23 Hampstead Circle
P. O. Box 201
Phone: MI 2-5941
- 1284. Ohio Seamless Tube
1 Wynnewood Rd., Room 206
Phone: MI 2-6102
- 1285. Reverse Copper & Brass Inc.
1 Wynnewood Rd.
Phone: GR 7-8326
- 1286. Vanadium-Alloys Steel Co.
P. O. Box 300
Phone: MI 2-3471
- 1287. Ward, George
200 N. Wynnewood Ave.
Phone: MI 2-4839

YARDLEY

- 1288. McVeigh, J. R.
P. O. Box 483
Phone: HY 3-6695

YEADON

- 1289. Hardinge Brothers
555 Industrial Park Dr.
Phone: CL 9-3336

YORK

- 1290. Allen-Bradley Co.
653 W. Market St.
Phone: 82-239
- 1291. Allis-Chalmers
56 N. Queen St.
Phone: YO 5415
- 1292. Allis Co., The Louis
38 S. Beaver St.
Phone: YO 8-3028

- 1293. Aluminum Co. of Amer.
205 Manufacturers Bldg.
Phone: 82-044
- 1294. Automation Sales & Engrg. Inc.
1213 E. Philadelphia St.
P. O. Box 1461

- 1295. Bearings Inc.
1285 E. Princess St.
Phone: 7857
- 1296. Bethlehem Steel Co.
Manufacturers Assn. Bldg.
25 N. Duke St.
Phone: YO 6883
- 1297. Columbia Steel & Shafting Co.
210 Lyndhurst Rd.
Phone: YO 47-4836
- 1298. Combustion Heat & Power Co.
1225 W. Princess St.
Phone: 8-2570, 2-8410
- 1299. Cutler-Hammer Inc.
12 E. King St.
Phone: YO 2-9276

- 1300. Delaware Valley Machinery Inc.
2441 Bradford Dr.
Phone: YO 4-76733
- 1301. Die-A-Matic Inc.
366 S. Sherman St.
Phone: YO 3-2623
- 1302. Dressel Welding Supply
363 W. King St.
- 1303. Edgcomb Steel Co.
420 Memory Lane
Phone: 47-1411

- 1304. Ehrenfeld Co. Inc., W. S.
1231 Roosevelt Ave.
Phone: 5411
- 1305. Farscht, Charles E.
29 Columbia Ave.
Phone: YO 31-673

- 1306. Fulton, Mehring & Hauser Co. Inc.
235 N. Beaver St.
Phone: 82-393
- 1307. General Electric Co.
56 N. Harrison St.
Phone: 8-2138
- 1308. Herr, Harry
510 Colonial Ave.
Phone: YO 3-7394

- 1309. Kinden, Wallace
539 Atlantic Ave.
Phone: YO 6-3335
- 1310. Machinery Assoc. Inc.
1221 Wiltshire Rd.
- 1311. Marathon Electric Mfg. Corp.
123 E. Market St.
Phone: YO 3-6786

- 1312. Moreland, Earle L.
Edgewood Dr.
P. O. Box 1067
Phone: YO 8-2939
- 1313. Ramcliff Supply Co.
1212 W. Mason St.
Phone: 2-5534
- 1314. Reliance Electric & Engrg. Co.
235 E. Market St.
Phone: 3-3736

- 1315. Reynolds Metals Co.
25 N. Duke St., Room 302
Phone: YO 6664 & 8-1639
- 1316. Rice, Jr., Charles E.
460 Ludlow Ave.
Phone: YO 3-3316

- 1317. Souser & Assoc., J. L.
198 Summit Dr.
P. O. Box 654
Phone: 2-0217
- 1318. Thornton Co., George W.
53 N. Duke St.
Phone: YO 8-1062

- 1319. Valley Forge Tool Corp.
361 S. Royal St.
Phone: YO 8751
- 1320. Vascology-Ramet Corp.
1812 W. Philadelphia St.
Phone: 2-8921

- 1321. York Blue Print Co.
25 E. Philadelphia St.
- 1322. York Corrugating Co.
Adams & W. M. RR
- 1323. York-Gregg Elevator Co.
730 Glen Pl.
- 1324. York Machinery & Supply Co.
30-28 N. Penn St.
Phone: 2-9531

- 1325. York Saw Works
- 1326. York Steel Co.
730 Ridge Ave.
P. O. Box 1301
Phone: 7762

ZELIENOPLE

- 1327. Stone, E. E.
Phone: ZE 205

RHODE ISLAND

AUBURN

- 1. Wheeler Handling Equip.
43 Blackamore Ave.
Phone: HO 1-5206

CRANSTON

- 2. Cranston Welding & Supply Co.
1425 Park Ave.
- 3. Gaskill & Assoc., David M.
761 Park Ave., Box 3575
(10)
Phone: HO 7-9061
- 4. Morris Co., Robert E.
30 Hayward St.
Phone: HO 1-2256
- 5. Reverse Copper & Brass Inc.
30 Midway Rd. (10)
Phone: WI 2-1900

CUMBERLAND

- 6. Carten, Clifford
11 Thomas Leighton Blvd.
(3)
Phone: FE 3-5087

EDGEWOOD

- 7. Poyton, Robert
33 Mather Ave. (5)
Phone: WI 1-1874
- 8. Spargo Co., F. A.
P. O. Box 2121 (5)
Phone: ST 1-6031

JOHNSTON

- 9. Barker-Chadsey Co.
27 Mill St.
Phone: JA 1-3704

NORTH PROVIDENCE

- 10. Bearing Service Co.
1877 Smith St. (11)
Phone: CE 1-0380
- 11. Spetrini, Thomas J.
18 Lincoln Ave.
Phone: PA 3-9095

NORTH SCITUATE

- 12. Etter Engrg. Co.
2 Woodland Rd.
P. O. Box 161
Phone: NI 7-5400

PAWTUCKET

- 13. Battley, Marshall C.
180 Weeden St.
Phone: PA 6-0613
- 14. Church Co., The Nelson R.
609 Armistice Blvd.
P. O. Box 826
Phone: PA 6-0483
- 15. Davis Inc., H. G.
587 Pawtucket Ave.
Phone: PA 2-7400
- 16. Kraatz Corp., J. A.
P. O. Box 497
503 Main St.
Phone: PA 5-1560
- 17. Lincoln Supply Co.
1139 Main St.
Phone: PA 6-5800
- 18. Lux, Robert A.
415 Grotto Ave.
Phone: PA 2-5264
- 19. Mancor Chemical & Equip. Co.
25 Hurdle
Potowomut Industries
64 Tower St.
20A Toole Co., William K.
76-38 East Ave.
Phone: 3-9006

PROVIDENCE

- 21. Ackerlind Steel Co.
280 Pine St. (3)
Phone: GA 1-6707

- 22. Aluminum Co. of Amer.
2503 Industrial Bank Bldg.
(3)
Phone: JA 1-4108
- 23. Amer. Brass Co., The
200 Chestnut St. (3)
Phone: GA 1-2180
- 24. Amer. Emery Wheel Works
Richmond Square (1)
Phone: PL 1-2260
- 25. Atlantic Refining Co., The
430 Hospital Trust Bldg.
Phone: GA 1-9040
- 26. Bellows-Valvair
1478 Broad St. (5)
Phone: ST 1-4010
- 27. Bethlehem Steel Co.
Industrial Bank Bldg.
111 Westminster St. (3)
Phone: DE 1-5992
- 28. Brian Supply Co.
111 Chestnut St. (3)
Phone: GA 1-8300
- 29. Bridgeport Brass Co.
177 Georgia Ave. (5)
Phone: WI 1-2100
- 30. CSA
141 Carolina Ave. (5)
P. O. Box 2096
Phone: ST 1-4141-2-3-4
- 31. Carpenter Steel Co., The
66 Dudley St. (5)
Phone: DE 1-5769
- 32. Cassiere Machinery Co.
249 Washington St. (3)
- 33. Chase Brass & Copper Co.
66 Branch Ave. (1)
Phone: DE 1-2900
- 34. City Hall Hardware Co.
Washington & Snow Sts.
- 35. Cleveland Tramrail Rhode Island Co.
156 W. Exchange St. (3)
Phone: GA 1-7333
- 36. Congdon & Carpenter Co.
405 Promenade St.
- 37. Corp Brothers Inc.
1 Brook St. (3)
Phone: DE 1-9020
- 38. De Vou Inc., Laird
1201 Eddy St. (5)
Phone: ST 1-2682
- 39. Detrex Chemical Industries Inc.
1216 Industrial Bank Bldg.
(3)
Phone: GA 1-7357
- 40. Durant Tool Supply
15 Thurbers Ave.
Phone: ST 1-7800
- 41. Elgin National Watch Co.
15 Thurbers Ave. (5)
Phone: ST 1-7800
- 42. Farr & Read Inc.
1 Washington Ave. (5)
Phone: ST 1-1320
- 43. Federal Products Corp.
1144 Eddy St. (1)
Phone: ST 1-9300
- 44. Franklin Supply Co.
945 Westminster St. (3)
Phone: PL 1-3000
- 45. General Electric Co.
Industrial Nat'l Bank Bldg. (3)
Phone: GA 1-8662
- 46. Hand Inc., G. J.
379 Richmond St. (5)
Phone: GA 1-2933
- 47. Handy & Harman
425 Richmond St. (3)
Phone: JA 1-4100
- 48. Hanson Tool & Supply
116 Calverley St. (1)
Phone: GA 1-6453
- 49. Hatch, Nathan
87 Weybosset St. (3)
Phone: DE 1-9500
- 50. Industrial Welders Supply Co.
450 Manton Ave.
Phone: EL 1-2515
- 51. International Supply Co.
190 S. Water St. (3)
Phone: GA 1-1442
- 52. Kenny, Jr., Robert W.
245 Hope St. (6)
- 53. Kraatz Corp., J. A.
503 Main St.

54. Leach Machinery Co., H.
387 Charles St.
Phone: DE 1-0695

55. Machine Parts Corp.
271 Washington St. (3)
Phone: PL 1-4333

56. Machinery Engrg. & Sales
136 Silver Lake Ave. (9)
Phone: JA 1-8611

57. Manufacturer's Supply Co.
111 Chestnut St.
Phone: DE 1-4848

58. McMillen, Fred J.
424 River Ave. (8)
Phone: DE 1-2791

59. Merriam Co., Paul A.
P. O. Box 2086 (5)
Phone: HO 3-6772

60. Miller Co., William F.
80 Sprague St. (7)
Phone: DE 1-0038

61. Oakite Products Inc.
P. O. Box 1421 (1)
Phone: JA 1-6629

62. Pearse-Pearson Co.
430 Industrial Trust Bldg.
(3)
Phone: GA 1-2557

63. Perfecting Service Co.
916 Industrial Bank Bldg.
(3)
Phone: UN 1-3747

64. Providence Mill Supply Co.
389 Charles St. (1)
P. O. Box 1465
Phone: TE 1-7800

65. Rayhill & Green Supply Co.
94 Ship St.
Phone: TE 1-7450

66. Read & Lundy Inc.
215-217 Chapman St. (5)
Phone: ST 1-2475

67. Reid & Purcell Co.
18 Green St.
Phone: DE 1-3161

68. Rees Engrg. Sales
P. O. Box 2072, Edgewood
Sta., (5)

69. Reynolds Inc.
75 Baker St. (5)
Phone: ST 1-3010

70. Standard Die Set Co.
1485 Elmwood Ave. (7)
Phone: ST 1-2900

71. Sun Oil Co.
Terminal Rd., Field Point
(5)
Phone: HO 1-5100

72. Tek Bearing Co.
849 N. Main St. (4)
Phone: JA 1-6006

73. Thurston Mfg. Co.
45 Borden St. (1)
Phone: DE 1-0243

74. Tierney, James E.
131 Washington St. (3)

WARWICK

75. Carson & Ellis
1153 Warwick Ave.
Phone: HO 3-8235

76. Drayton Assoc.
P. O. Box 151
Phone: VA 1-2100

77. General Controls Co.
Warwick Industrial Park
Phone: ST 1-4741

78. Godfrey Co., S. J.
20 Crestwood Rd.
P. O. Box 306
Phone: TU 4-2100

79. Winters, Stanley G.
20 Oak Hill Ave.
Phone: RE 7-3314

WOONSOCKET

80. McMurtrie & Co., T.
28 Main St.
Phone: PO 9-7701

81. Shevlin Co., Arthur R.
1356 Park Ave.
Phone: PO 2-4118

SOUTH CAROLINA

ANDERSON

1. Prevost Supply Co.
109 E. River St.
2. Sullivan Hardware Co.
Phone: CA 4-0211

BELTON

3. Snipes, Richard A.
121 Ellison St.
Phone: ED 8-7161

CHARLESTON

4. Cameron & Barkley
Co., The
160 Meeting St.
P. O. Box 906
Phone: 2-7661

5. Charleston Blue Print
Co.
144 King St.
Phone: RA 3-0194

6. Charleston Supply Co.
King St. Ext.
P. O. Box 828
Phone: RA 2-8251

7. Haygood, W. E.
267 E. Day St.

8. Industrial Welding Supplies
Inc.
980 E. Bay St.
Phone: RA 3-0676

9. Livingston & Haven Inc.
2115 Meeting St.
P. O. Box 808
Phone: SH 4-3334

10. Lukas Equip. Co. of
Charleston
2019 Pittsburgh St.
Phone: RA 3-6321

11. Webb, Allen
176 Meeting St.

12. Williams Co., W. W.
117 P. O. Box 2217
Station A, ACL Terminal
Phone: 3-1546

CHARLESTON HEIGHTS

13. Bearings & Drives of
Charleston Inc.
P. O. Box 4451

14. Molony Distributing Co.
P. O. Box 4065, Stark
Annex

15. Montague Co. Inc., B. L.
P. O. Drawer 4337
Phone: SH 4-6236

CLINTON

16. Industrial Supply Co.
219 W. Main St.
Phone: 111 & 112

COLUMBIA

17. Columbia Supply Co.
823 Gervais St.
P. O. Box 1463
Phone: AL 4-2724

18. General Electric Co.
1236 Bull St. (1)
P. O. Box 1434
Phone: AL 6-4278

19. Hiller Hardware Co.
1401 Assembly St.
Phone: AL 3-7583

20. Hoffman & Hoffman Inc.
1639 Blanding St.
Phone: AL 3-7666

21. Industrial Welding Sup-
plies Inc.
1209 Wayne St.
Phone: AL 6-0762

22. Lukas Equip. Co. of Colum-
bia
710 Crosshill Ave.
Phone: SU 7-7722

23. Pittard, B. M.
4240 Mimosa Rd.
Phone: SU 7-6191

24. Sinclair Refining Co.
P. O. Box 988
Phone: AL 4-0968

25. Thackston-Davis Supply
Co.
828 Gervais St.
Phone: AL 3-7071

26. Tidewater Supply Co.
807-811 Gervais St.
P. O. Box 1138, Zone E
Phone: AL 3-6371

27. Toland Elevator Co.
Palmetto Bldg.
Phone: AL 2-4567

28. Welding Gas Products Co.
Shop Rd.
Phone: AL 3-7624

29. Williams Co., Woodward W.
630 Gervais St.
Box 599
Phone: AL 2-0596

CONWAY

30. Conway Agency Div.
Columbia Supply Co.
Box 477
Phone: 3-1211

FLORENCE

31. Binswanger Glass Co.
200 Lawson St.
32. O'Brian-Mace Co. Inc.
213 E. Van St.
Phone: 8216

GREENSBORO

33. Newman Machine Co.
Main Office
34. Walke Co., The Henry
1319 Headquarters Dr.

GREENVILLE

35. Armstrong Cork Co.
P. O. Box 5315, Station B
Phone: CE 3-5302

36. Baker Mfg. Co.
5 Ellendale Ave.
Phone: 3-5361

37. Barker Instrument & Ma-
chine Co.
P. O. Box 3598
Phone: 5-5022

38. Batson, Louis P.
1707 Augusta St.

39. Carolina Supply Co.
35 Court St.
P. O. Box 1530
Phone: 2-3571

40. Coleman Co. Inc.
305 Rutherford Rd.
Phone: 3-5363

41. Dixie Bearings Inc.
407 Pendleton St.
Phone: CE 5-0601

42. Easley, Curran S.
P. O. Box 3332
Phone: CE 3-5067

43. Electro-Motion Corp.
501 E. North St.
P. O. Box 206
Phone: CE 5-1132

44. Ferguson Gear Co.
311 McCarter Ave.

45. Fortson Welding Supply Co.
1001 E. Stone Ave.

46. General Electric Co.
108 W. Washington St.
P. O. Box 1408
Phone: 2-1584

47. Greenville Oxygen Supply
Co.
106 E. Stone Ave.

48. Greenville Textile Supply
Co.
P. O. Box 1380
Phone: CE 3-6241

49. Hersey-Thomas Co.
44 Norwood Pl.
P. O. BOX 234
Phone: CE 3-5261

50. Hoffman & Hoffman Inc.
1601 N. Pleasantburg Dr.
Phone: CE 3-5816

51. Hohm Co. Inc., Harley D.
128 Buist Ave.
Phone: GR 5-8833

52. Logan Co.
130 Capes St.
Box 3142, Station A
Phone: CE 5-1131

53. Lukas Equip. Co. of
Greenville
85 Cleveland St.
Phone: CE 9-4226

54. Marshall & Willi-
ams Equip. Co.
P. O. Box 5385, Sta-
tion B
Phone: CE 2-7338

55. Montague Co. Inc., B. L.
P. O. Drawer 5124, Sta-
tion B
Phone: CE 3-2745

SOUTH CAROLINA

56. Moore-Tinsley Supply Co.
216 E. Broad St.
P. O. Box 34
Phone: CE 9-5348

57. Oakite Products Inc.
P. O. Box 1271
Phone: CE 3-3857

58. Phillips, F. W.
203 E. Faris Rd.
Phone: GR 3-6710

59. Poe Hardware & Supply Co.
Perry Ave. at Distler St.
P. O. Box 1940
Phone: 3-8311

60. Reliance Electric & Engrg.
Co.
209 E. Stone Ave.
Phone: CE 2-2403

61. Schroder Fred E.
P. O. Box 3142, Station A
Phone: CE 5-1131

62. Shepherd Co., Allan T.
P. O. Box 322
Phone: CE 2-6500

63. Tidewater Supply Co.
City Curb Market Bldg.
P. O. Box 1183
Phone: CE 5-7481

64. Vaughan Co., J. W.
714 W. Washington St.
P. O. Box 627
Phone: 2-2421

65. Veeder-Root Inc.
Box 297, Spartanburg
Hwy.
Phone: CH 4-2971

66. Welborn Co., T. M.
108 Ponce de Leon Dr.
P. O. Box 3175
Phone: CE 3-5698

67. Welding Gas Products Co.
New Easley Hwy., Box
2271

68. Williams, P. O.
Plaza Apts., Apt. 3C
Phone: CE 2-8616

69. Williams Co., W. W.
117 Welborn St.
Phone: CE 3-2985

GREENWOOD

70. Dixie Hardware & Mill
Supplies Inc.
71. Greenwood Supply Co.

HAMPTON

72. C & E Supply Co.
307 1st St., W.
Phone: 2811

HARTSVILLE

73. Williams & Assoc., A. A.
P. O. Box 15

HONEA PATH

74. Hammond Service Co.

ORANGEBURG

75. Applied Engrg. Co. Inc.
468 Carolina Ave.
Phone: JE 4-2424

76. Scott, Preston
438 Rembert St., NE.

ROCK HILL

77. Thomson Mfg. Co.,
Judson L.
719 Eden Terrace
Phone: RO 7885

ST. MATTHEWS

78. Stone, Jr., William
E. Bridge St.

SPARTANBURG

79. Bagwell, Jr., R. F.
2249 Glendale Rd.
Phone: SP 3-2440

80. Brown-Rogers Dixon Co.
187 W. Broad St.

81. Noland Co. Inc.
717 Union St.

82. Spartan Industrial Supply
ply Co.
P. O. Box 1447-48
Phone: 3-5493

83. White Brothers Inc.
501 E. Main St.

SALES OFFICES

SOUTH CAROLINA

SUMMERVILLE

84. Southern Mill Supply Co.
N. Main St.
Phone: TR 3-2281

SUMTER

85. Montague Co. Inc., B. L.
E. Liberty St.
P. O. Drawer 191
Phone: SP 3-3311
86. Sumter Machinery Co.
P. O. Box 711

WEST COLUMBIA

87. State Machinery & Supply Co.
1005 Meeting St.

SOUTH DAKOTA

ABERDEEN

1. Aluminum Co. of Amer.
304 Western Union Bldg.
Phone: 3834
2. Anderson Welding Supply Co.
1406 6th Ave., SW.
Phone: BA 5-2571
4. Leo Co., K. O.

HURON

5. Eutectic Welding Alloys Corp.
358 Wisconsin Ave., SW.
Phone: EL 2-8749

MITCHELL

6. Mitchell Iron & Supply Co.
Phone: 2447

RAPID CITY

7. Balbach Co., The
Hwy. 79 & St. Anne St.
P. O. Box 1346

SIOUX FALLS

8. Carter Elevator Co.
304 E. 10th St.
9. Dakota Iron Store
10. Graff Motor Supply Co.
122-124 W. 7th St.
11. Pecaut Industrial Supply Co.
900 E. 8th St.
12. Welders Gas & Supply Co.
1001 E. 3rd St.
Phone: ED 8-5421
13. Western Bearing & Supply
229 N. Dakota Ave.
Phone: 4-5645

WATERTOWN

14. Dakota Welding Supply Co.
119 W. Kent Ave.
15. Miller Co., Frank
Phone: 2-505

YANKTON

16. Dakota Supply Co.
P. O. Box 57 (8)
Phone: 2829

TENNESSEE

BRISTOL

1. Interstate Hardware Co. Inc.
306-316 State St.
Phone: SO 4-4114
2. McIlhenny Equip. Co.
P. O. Box 224
920 Seventh Ave.
3. Mitchell-Powers Hardware Co.
24-26 Moore St.
4. Reid Tool Service

CHATTANOOGA

5. Abernathy-Thomas Engrg. Co.
403 Dome Bldg.
Phone: AM 6-3240
6. Allis-Chalmers
Hamilton National Bank Bldg. (2)
Phone: AM 6-5101

7. Aluminum Co. of Amer.
1205 Volunteer Bldg. (2)
Phone: AM 7-6585

8. Atkins Saw Div.
2400 Rossville Blvd.
Phone: AM 7-8772

9. Bailey Co. Inc.
2404 E. 28th St. (7)
P. O. Box 8147
Phone: MA 2-3913 & MA 2-1171

10. Brooks Welding Supply Co.
700 Manufacturers Rd.

11. Chattanooga Belting & Supply Co.
1221 Market St. (1)
Phone: AM 7-5455

12. Columbia Steel & Shafting Co.
1119 Hamilton Bank Bldg.
Phone: AM 6-2893

13. Continental Screw Co.
559 McCallie Ave.
P. O. Box 348
Phone: AM 7-4759

14. Craven, Sr., Roy C.
233 Eveningside Dr. (4)
Phone: MA 2-3492

15. Dixie Bearings Inc.
2423 S. Broad St.
Phone: AM 7-9526

16. Dow Corning Corp.
P. O. Box 8163 (11)
Phone: MA 9-1306

17. Dreyer Engrg. Sales Co.
1478 Market St.
Phone: AM 7-5021

18. Electric Motor Sales & Supply Co.
1207 E. 23rd St.
Phone: MA 9-7361

19. Engineered Equip. Corp.
1207 E. 23rd St. (8)
Phone: MA 2-6885

20. Fidelity Sales Corp.
518 Chattanooga Bank Bldg.
Phone: AM 6-6733

21. Fischer Supply Co.
1400 Chestnut St.
Phone: AM 6-5155

22. Gardner Co., R. E.
440 Frazier Ave.

23. Gardner Machine Co.
Room 1212, Hamilton Bank Bldg. (2)
Phone: AM 6-3006

24. Gardner & Meredith
424 Georgia Ave. (3)
Phone: AM 7-4971

25. General Controls Co.
871 McCallie Ave. (3)
Phone: AM 6-7201

26. General Electric Co.
832 Georgia Ave. (2)
Phone: AM 6-1221

27. General Industries Co.
P. O. Box 1094
Phone: AM 6-3843

28. Genter Co., C. D.
2109-15 Broad St.
Phone: AM 5-4513

29. Hajoca Corp.
515 E. 11th St.
Phone: AM 7-1151

30. Herron & Co.
15 Cinderella Rd.
Lookout Mountain
Phone: VE 1-6783

31. Hoge, E. F.
P. O. Box 491

32. Jones-Sylar Supply Co. Inc.
P. O. Box 4047
Manufacturers Rd. (5)
Phone: AM 5-1601

33. Jones, Wendell M.
Knox Manor Apt's., Apt. 3C

34. Leetch, Jr., W. D.
320 Bass Rd. (11)
Phone: OX 8-4267

35. McCall Co., J. H.
3804 St. Elmo Ave. (9)
Phone: AM 7-4574

36. Mills & Lupton Supply Co.
749 E. 12th St.
Phone: AM 6-6171

CHATTANOOGA (cont.)

37. Moore-Handley Hardware Co. Inc.
721 E. 11th St.
Phone: AM 5-3451

38. Noland Co. Inc.
1700 Central Ave.
P. O. Box 3095
Phone: AM 5-3101

39. O'Neal Steel Inc.
P. O. Box 1903
Phone: OX 8-1531

40. Ortmeyer Machinery Co., The
1308 E. 23rd St.
Phone: MA 9-7334

41. Osborne Equip. Co.
1501 E. 39th St.
Phone: TA 1-4528

42. Payne-Koch
111 S. Seminole Dr. (11)
Phone: MA 9-0325

43. Peirson-Deakins Co.
3806 Tennessee Ave. (9)
Phone: AM 6-6321, AM 6-1761

44. Power Distributors Supply Corp.
P. O. Box 1323
1300 Market St. (2)
Phone: AM 6-8431

45. Richter, G. E.
920 Chattanooga Bank Bldg.
Phone: 7-4260

46. Robbins & Bohr
814 Hamilton National Bank Bldg. (2)
Phone: AM 7-6697

47. Rogers-Bailey Supply Co.
1146 Market St. (2)
Phone: AM 6-8197

48. Ross-Meehan Foundries
1601 Carter St. (1)
Phone: AM 6-4701

49. Sawrie & Co., H. M.
2934 Ozark Rd. (5)
P. O. Box 4146
Phone: AM 7-3776

50. Scott Machine Tool Co.
116 Dauphin Way (11)
Phone: MA 4-2405

51. Stoelker Equip. Co. Inc.
426 W. 23rd St.
Phone: MA 5-1965

52. Sundstrand Machine Tool
307 Woodward St.
Phone: OX 8-5151

53. Valley Materials Handling Inc.
1086 Duncan Ave.
Phone: MA 4-5175

54. Vance Iron & Steel Co.
P. O. Box 109 (1)
Phone: AM 5-3437

55. Volunteer Bearings & Transmission Co. Inc.
2001 Broad St.
Phone: AM 5-3407

56. Watts Machinery Co., Bud
4116 Albemarle Ave. (11)
Phone: MA 4-9408

57. Welding Gas Products Co.
821 E. 11th St.
Phone: AM 6-6437

58. Wood Supply Co., Walter A.
4517 Rossville Blvd.
Phone: OX 8-4451

JOHNSON CITY

59. Lancaster Assoc.
John Sevier Hotel Bldg.
Phone: WA 6-0141

60. Noland Co. Inc.
Walnut & Watauga Ave.
Phone: WA 8-1121

61. Summers Hardware & Supply Co.
Buffalo, Ashe & Cherry Sts.

KINGSPORT

62. Abernathy-Thomas Engrg. Co.
341-345 W. Market St.
Drawer "A"
Phone: CI 5-6151

63. Dixie Bearings Inc.
130 Clay St.
Phone: CI 6-6195

64. Fidelity Sales Corp.
P. O. Box 927
145 Commerce St.
Phone: CI 5-5541

65. Greene Hardware & Supply Co.
703-711 E. Market St.

66. Oxygen Service Co.
509 E. Main St.
P. O. Box 127
Phone: CI 6-6178

67. Slip-Not Belting Co.

KNOXVILLE

68. Allis-Chalmers
531 S. Gay St. (2)
Phone: 2-2165

69. Allis Co., The Louis
1935 W. Cumberland Ave.
Phone: 2-8555

70. Bate, Wm. B.
2907 E. 5th Ave. (14)
Phone: 4-4438

71. Bellows-Valvair
5512 Kingston Pike (19)
Phone: 8-6733

72. Bowditch & Co.
1311-C N. Broadway (17)
Phone: 4-2513

73. Browning Belting & Supply Co. Inc.
801 E. Jackson Ave. (17)
Phone: 3-9101

74. Daystrom Inc.
2917 Sanderson Rd. (21)
Phone: 5-5632

75. Deaderick Co., R. O.
317 Gay St.
P. O. Box 1949
Phone: 4-2537

76. Dempster Machine Shop Inc., The
1649 Riverside
Phone: 2-6048

77. Dixie Bearings Inc.
417 Dale Ave.
Phone: 5-4137

78. Dover Elevator Co.
P. O. Box 412
218 Central Ave., NE. (2)

79. Fidelity Sales Corp.
P. O. Box 626
217 W. Hill Ave.
Phone: 2-5460

80. Ferguson Equip. Co.
1309 Broadway, NE.
Phone: 4-1491

81. Gardner-Denver Co.
214 W. Magnolia Ave. (17)
P. O. Box 3236
Phone: 3-6195

82. General Electric Co.
1301 Hannah Ave., NW.
(16)
Phone: 3-4135

83. Halliday Co. Inc., The Al-
fred
P. O. Box 1861
Arnold Hotel
600 Church Ave., NW.
Phone: 3-0845

84. Holston Oxygen Co.
223 Council St.

85. Industrial Belting & Supply Co.
408 Jackson Ave., SW.
P. O. Box 454
Phone: 5-8133

86. Ingersoll-Rand Co.
412 W. Jackson Ave. (24)
Phone: 3-3145-6-7

87. Knox-Tenn Equip. Co.
200 Irwin St. (17)
P. O. Box 4-1892

88. Knoxville Welding Supply Inc.
805 Magnolia, NE.
Phone: 5-1136

89. Lancaster Assoc.
Andrew Johnson Hotel Bldg.
Phone: 4-4623

90. Leinart Engrg. Co.
412 E. 5th Ave. (5)
P. O. Box 508
Phone: 5-6363

SALES OFFICES

TENNESSEE

91. Mechanical Equip. Co.
718 Market St.
Phone: 4-1169
92. Miscellaneous Metals
P. O. Box 1345 (1)
Phone: MU 1-2233
93. Murrian Co., The W. S.
912 W. Clinch Ave. (1)
P. O. Box 624
Phone: 3-4331
94. Oakite Products Inc.
P. O. Box 251 (1)
Phone: 2-7144
95. Osborne Equip. Co.
1102 Market St. (1)
Phone: 5-1177
96. Payne Co., Hoyt N.
410 E. Depot Ave.
Box 439
Phone: 3-5185
97. Pettyjohn Co., John G.
Daylight Bldg.
P. O. Box 395
Phone: 3-6111
98. Rogers & Morgan, Jr.
800-19th St.
Phone: 2-7942
99. Rule Co., James
P. O. Box 802
Phone: 3-8817
100. Steele, B. Elmer
4408 Wahl Dr. (18)
Phone: MU 7-2106
101. Tenn. Belting & Supply Inc.
2334 Shawmut Ave., NW.
(1)
P. O. Box 1749
Phone: 5-9371
102. Tenn. Mill & Mine Supply
Co.
402-412 State St. (1)
P. O. Box 2391
Phone: 3-2161
103. Tenn. Welding Supply Co.
2701 Central, N.
P. O. Box 3276
Phone: 3-4101
104. Tidewater Supply Co.
1506 Island Home Ave.,
SW.
P. O. Box 377
Phone: 2-0163
105. Tool Crib Inc.
2031 Sutherland Ave., NW.
P. O. Box 105
Phone: 5-6195
106. U. S. Gypsum Co.
3904 Underhill Lane
Phone: 5-0592
107. Valley Materials Handling
Inc.
6012 Clinton Hwy.
Phone: MY 1-5407
108. Wallace Saw Works
718 E. Depot St.
Phone: 5-0103
109. Welding Gas Products Co.
Industrial Parkway, E. at
Sycamore Dr.
Phone: 4-8616
110. Advance Rubber Stamp
Works
P. O. Box 510
111. Alr Draulics Sales
1390 Briarwood Dr.
Phone: FA 4-0253
112. Albright, Jr., Geo. J.
32 N. Cleveland St. (4)
Phone: BR 5-3629
113. Alenite Co. of Memphis
1071 Union Ave. (3)
114. Allis-Chalmers
46 N. 3rd St. (3)
Phone: JA 7-0377
115. All-South Sales & Engrg.
Co.
P. O. Box 5271
Phone: EK 7-5535
116. Aluminum Co. of Amer.
1520 Sterick Bldg. (3)
Phone: JA 5-8305
117. Avery Co., G. H.
944 Rayner St. (14)
Phone: BR 2-3088
118. Beard, Hal
173 S. Cooper St.
Phone: BR 4-1744
119. Beaver Welding Supply Co.
683 Linden Ave. (3)
P. O. Box 2354, DeSoto
Sta.
Phone: JA 5-7213
120. Bellows-Valvair
3119 Barron St. (11)
Phone: GL 8-2882
121. Black & Decker
921 S. 3rd St. (6)
P. O. Box 402
Phone: WH 2-3244
122. Blackstone Co., E. C.
600 Madison Ave. (3)
Phone: JA 5-0382
123. Branch-Merwin Tool Spe-
cialists
477 N. Bellevue (5)
Phone: BR 6-6102
124. Bridgeport Brass Co.
648 Riverside Dr. (3)
Phone: JA 5-0347
125. Byrnes, John M.
5126 Norich Ave.
Phone: MU 3-4635
126. Carrier Corp.
Room 284-5, Shrine Bldg.
(3)
Phone: JA 5-8083
127. Cartwright & Bean
640 S. Cooper St. (4)
Phone: BR 5-1914
128. Central Supply Co.
444 N. Main St.
129. Cleveland Trammell Mem-
phis Co.
32 N. Cleveland St. (4)
Phone: BR 5-3629
130. Conway, Warren M.
1473 Madison, Room 4
Phone: BR 6-4426
131. Craig Industrial Equip. Co.
P. O. Box 5776
1106 Poplar
Phone: BR 5-5777
132. Crane Packing Co.
200 N. Waldran Blvd. (5)
Phone: BR 6-8252
133. Cubbins, Frank
P. O. Box 494
Phone: BR 8-0591
134. Cutler-Hammer Inc.
60 N. Main St. (3)
Phone: JA 7-7123
135. Dabney-Hoover Supply
W. Virginia Ave. & Ken-
tucky St.
Phone: WH 8-0461
136. Dean & Assoc., C. W.
4711 Poplar Ave. (17)
Phone: MU 2-1371
137. Delta Oxygen Co.
611 Court Ave. (5)
138. Dickson, Fred L.
719 Cypress Dr.
Phone: GL 2-2612
139. Dilworth Co., J. E.
730 S. 3rd St. (2)
P. O. Box 2834
Phone: JA 7-0261
140. Diston Div.
3790 Blue Jay Rd. (16)
141. Dover Elevator Co.
Commerce Title Bldg. (3)
142. Engineered Instrument Sales
Co.
2717 Union Ave.
P. O. Box 9947
Phone: FA 3-1275
143. Engineered Products Co.
4385 Janice Dr. (17)
Phone: MU 3-3019
144. Esso Standard Oil Co.
1211 Union Ave. (1)
Phone: BR 2-2461
145. Everett & Co., J. T.
34 Democrat Rd. (18)
Box 7126
Phone: FA 4-2154
146. Fafnir Bearing Co., The
880 S. 3rd St. (6)
Phone: JA 5-7602
147. Flexonics Corp.
2021 Latham St.
Phone: WH 2-4681
148. Flinn Engrg. Co.
P. O. Box 8027, Crosstown
Sta.
Phone: BR 8-1732
149. Foulas Sales Co.
4874 Willow Rd.
Phone: MU 3-8338
150. Gay, Walter H.
P. O. Box 3452 (17)
Phone: MU 3-2822
151. General Electric Co.
P. O. Box 8367,
19 S. Cleveland (4)
Phone: JA 5-2781
152. Gregory-Salisbury & Co.
240 S. Parkwy. E.
Phone: WH 8-0496
153. Halliday Co. Inc., The Al-
fred
1473 Madison Ave.
P. O. Box 9007
Phone: BR 6-8809
154. Hamn, Paul N.
P. O. Box 9115, White
Station (17)
Phone: GL 8-2411
155. Hays Supply Co.
223 S. Front (2)
P. O. Box 2585
Phone: JA 5-2461
156. Hewitt-Robins
5111 Sea Isle (17)
Phone: MU 5-0481
157. Hicks Machine Tool Co.
673 S. Cooper St. (11)
P. O. Box 6446
Phone: BR 6-2741
158. Hines, John C.
P. O. Box 5554-Crosstown
Sta.
1353 Heistan Pl.
Phone: BR 6-3743
159. Hoffman-Marquard Machin-
ery Co.
3387 Poplar Ave. (11)
Highland-Plaza Bldg.
Phone: 67-7211
160. Horn Co., Don
2777 Winchester Rd.
161. Houghton & Co., E. F.
420 Dermon Bldg. (3)
Phone: JA 7-3461
162. I-T-E
219 Adams Ave. (3)
Phone: JA 6-1169
163. Industrial Metal Cutters
Supply
69 Talbot St.
164. Industrial Supplies Inc.
Poplar Ave. & River Front
(1)
Phone: JA 5-2791
165. J&L
712 Heyburn Bldg. (3)
166. Johnson & Son Inc., S. C.
1340 Thomas St. (7)
Phone: JA 7-8601
167. Jones Co. of Memphis Inc.,
Grady W.
1082 Union Ave.
Phone: BR 6-6363
168. Jones & Orth Cutter Head
Div.
383 S. Main St. (3)
Phone: JA 5-8212
169. Jones, Tom B.
651 S. Cooper St. (4)
Phone: BR 6-4459
170. Lewis Supply Inc.
477 S. Main St. (2)
P. O. Box 2892
Phone: JA 5-6871
171. Lilly Co., The
466 Union Ave. (1)
Phone: JA 6-3137
172. Lincoln Electric Co., The
6 E. Calhoun Ct. (3)
Phone: JA 7-0108
173. Lynn-Grace & Assoc.
420 Dermon Bldg. (3)
Phone: JA 7-0657
174. Major Co. & Assoc., The Jan
4677 Normandy Ave.
Phone: MU 3-7942
175. McAvoy Co., C. J.
Room 106
364 S. Front St. (3)
Phone: JA 5-6321
176. Memphis Bearing & Supply
P. O. Box 2297
477 S. Front St. (2)
Phone: JA 6-7543
177. Memphis Machinery & Sup-
ply Co.
301 S. Front St. (1)
Phone: JA 7-4433
178. Metal Goods Corp.
1970 Latham St. (6)
Phone: WH 8-3407
179. Mid-South Oxygen Co.
651 Jefferson Ave.
180. Nicotero, Sam
195 Parkdale (9)
Phone: EK 7-3739
181. Noland Co., The
357 Court St.
Phone: JA 5-1478
182. Oakite Products Inc.
61 W. Georgia Ave. (2)
Phone: JA 7-5641
183. Offutt Co. Inc., L. E.
431 N. Dunlap St.
P. O. Box 8063
Phone: JA 5-1851
184. Ohio Knife Co., The
3981 Coleman Rd.
Phone: FA 7-9797
185. Pidgeon-Thomas Iron Co.
E. H. Crump Blvd. at S.
Main (2)
P. O. Box 2647
Phone: WH 8-5611
186. Power Equip. & Engrg. Co.
P. O. Box 7507, Highland
Sta. (12)
Phone: FA 4-6823
187. Process & Power Inc.
1545 Harbor Ave. (6)
P. O. Box 10138
Phone: WH 2-3253
188. Rathheim & Assoc., Al
P. O. Box 4242
Phone: FA 3-0622
189. Reliance Electric & Engrg.
Co.
3573 Poplar Ave., Room
209
Phone: FA 7-6062
190. Remington Arms Co. Inc.
1701 Sterick Bldg. (3)
Phone: RA 6-5326
191. Reynolds Metals Co.
1420 Union Bldg.
Phone: BR 8-3041
192. Riechman-Crosby-Hays Co.
Inc.
223 S. Front St. (1)
Phone: JA 5-2461
193. Roatan Machinery Co., Jim
465 S. Main St.
Phone: JA 7-0087
194. Scruggs Lighting
1860 Union Ave.
Phone: BR 4-1250
195. SKIL Corp.
558 S. Cooper St. (4)
Phone: BR 4-4378
196. Slaughter, Hunley A.
185 Alexander (11)
P. O. Box 6403, Station E.
Phone: GL 2-4278
197. Smith, Harry W.
1273 S. Wellington St.
198. Southern Bearings Service
7 E. H. Crump Blvd. (6)
199. Southern Blue Print & Sup-
ply Co.
83 N. 2nd St.
Phone: JA 5-0314
200. Southern Tool & Equip. Co.
2865 Summer Ave. (12)
Phone: FA 3-7727
201. Standard Welders Supply
Co.
1830 Poplar Ave.
P. O. Box 5823, Crosstown
Sta.
202. Star Stainless Screw Co.
3560 Summer Ave.
203. Sterling Electric Motors
Inc.
4711 Poplar Ave., Room
9 (17)
Phone: MU 5-8081
204. Stout Inc., Curtis H.
718 M & M Bldg.
Phone: JA 6-7801

MEMPHIS

SALES OFFICES

TENNESSEE

MEMPHIS (cont.)

- 205. Stubblefield, Paul D.
2250 Alameda
- 206. Talley & Sons
2218 Jefferson Ave. (4)
Phone: BR 4-2179
- 207. Technical Products Co.
19 N. Dunlap
- 208. Tenn. Fabricating Co.
1490 Grimes St. (6)
Phone: WH 5-3355
- 209. Vandemark Co., Fred J.
185 E. Butler
Phone: JA 5-5693
- 210. Victory Carbide Saw Service
7 W. Virginia
Phone: WH 2-4872
- 211. Walmsley Bearing Co.
1118 Union Ave.
Phone: BR 5-2381
- 212. Walstrom, Keith
5540 Mason Cove
Phone: MU 2-1109
- 213. Watts Machinery Co. Inc., Bud
2453 S. Bellevue Blvd.
(16)
P. O. Box 5435
Phone: WH 2-2497
- 214. Weaver, Robert A.
293 Bonita Dr. (9)
Phone: EX 7-6650
- 215. Welsenhorn, Chas. F.
1596 Madison Ave. (4)
Phone: BR 6-8515
- 216. Wells, Clyde L.
4711 Poplar Ave. (17)
- 217. Wilco Machine Works
1301 N. Hollywood (8)

NASHVILLE

- 218. Ajax Electric Salt Bath Furnaces
2500 Franklin Rd. (4)
Phone: CY 2-7016
- 219. Alemite Co. of Nashville
122-15th Ave., S. (3)
- 220. Bailey Co. Inc., The
Box 5565
1010 4th Ave., N. (8)
Phone: CH 2-0351
- 221. Baker Lift Truck Service
316 6th Ave., S.
Phone: AL 6-1721
- 222. Bate Co., William B.
P. O. Box 5143 (6)
Phone: CA 7-1141
- 223. Bellows-Valvair
311 Church St. (6)
Phone: AL 6-2815
- 224. Braid Electric
1109 Demonbruen Viaduct
- 225. Buford Brothers Inc.
125 10th Ave., S.
P. O. Box 1029
Phone: AL 6-4683
- 226. Clark Hardware Co.
1414 4th Ave. (10)
Phone: AL 5-3485
- 227. Cumberland Die Supply Co.
1000 Mile End Ave. (7)
Phone: CO 2-3360
- 228. Deaderick Co., R. O.
P. O. Box 1043
Phone: CH 2-2900
- 229. Dixie Bearings Inc.
511 8th Ave., S. (3)
Phone: CH 2-7351
- 230. DoALL Tenn. Co.
1923 Church St.
Phone: CH 2-5519
- 231. Dozier Equip. Co.
1536 Demonbruen St.
Phone: AL 5-4131
- 232. Elgin National Watch Co.
314 Howerton St. (6)
Phone: AL 6-2597
- 233. Eljoko Inc.
818-6th Ave., S. (10)
Phone: CH 2-4344
- 234. Estes Saw & Machine Co., H.
215 4th Ave., S.
Phone: AL 6-4516
- 235. F. & L. Sales & Service Co.
1015 W. Kirkland Ave.
P. O. Box 5127
Phone: CO 2-0471
- 236. Gardner Co., R. E.
P. O. Box 9305 (4)
Phone: AL 5-0621
- 237. General Box Co.
1001 Kirkland Ave. (6)
Phone: CA 8-3415
- 238. General Electric Co.
1717 W. End Bldg. (3)
Phone: AL 5-2793
- 239. Halliday Co. Inc., Alfred
P. O. Box 6194
Phone: CY 7-5008
- 240. Industrial Electric Co.
123 S. 11th St. (6)
Phone: CA 7-3812
- 241. Keith-Simmons Co.
14 Cummins St.
P. O. Box 1030
- 242. Keith-Sinclair Co. Inc.
1141-45 Broadway (1)
Phone: AL 6-2641
- 243. Keras, J. J.
6566 Rolling Fork Dr. (5)
Phone: CY 7-3689
- 244. Landrum, Ralph
501 Oakley Dr. (10)
Phone: VE 2-0808
- 245. Material Handling Equip. Co. Inc.
815 6th Ave., S.
Phone: AL 5-7642
- 246. Mid-Tenn Supply Co.
1001 3rd Ave., N.
Phone: AL 5-3114
- 247. Miles & Assoc., H. R.
2508 Franklin Rd. (4)
Phone: CY 2-7016
- 248. Moore-Handley Hardware Co. Inc.
492 Craighead St.
Phone: AM 9-5631
- 249. Nashville Machine & Supply Co.
100 Woodcrest Ave.
P. O. Box 8748
Phone: AL 6-8151
- 250. Noland Co. Inc.
72 Trimble St.
P. O. Box 729
Phone: AL 5-1251
- 251. Oakite Products Inc.
P. O. Box 33
2605 Charlotte Ave. (9)
Phone: CY 1-6713
- 252. Osborne Equip. Co.
418 2nd Ave., S. (10)
Phone: AL 5-2184
- 253. Pearl Equip. Co.
843 7th Ave., N.
Phone: CH 2-5476
- 254. Perry & Barr Co.
1717 W. End Ave.
Phone: AL 5-9946
- 255. Peterson Machinery Co.
309 7th Ave., S.
Phone: 5-8608
- 256. Reynolds Metals Co.
1717 W. End Ave. (3)
Phone: CH 2-5094 & 2-2217
- 257. Shop Supply Co.
206 Russell St.
Phone: CH 2-5313
- 258. Sinclair Refining Co.
P. O. Box 299 (2)
Phone: AL 4-6691
- 259. Southern Industries Supply
2403 Nolensville Rd.
Phone: CH 2-2609
- 260. Sterling Electric Motors Inc.
4809 Tanglewood Dr. (6)
Phone: CO 2-4097
- 261. Syntrol Nashville Sales Co.
719-17th Ave., S. (2)
P. O. Box 218
Phone: AL 6-2429
- 262. Tenn. Die Supply Co. Inc.
314 Howerton St. (6)
Phone: AL 6-2597
- 263. Tenn. Machinery Co.
113-19 3rd Ave., S. (3)
Phone: AL 4-3417
- 264. Vaughn, R. E.
115 Lyle Ave. (4)
- 265. Welders Supply
523 - 4th Ave., S.
Phone: AL 6-2430

NASHVILLE (cont.)

- 266. Welding Gas Products Co.
516-5th Ave., S.
Phone: AL 5-8585
- 267. Williams, Charles R.
4511 Price Circle Rd. (2)
P. O. Box 132
Phone: AM 9-0079
- 268. Wills, James A.
P. O. Box 5023 (6)
Phone: CO 2-4097
- 269. Yates Co., Lawson H.
437 Third National Bank Bldg. (3)
Phone: AL 4-7911

OAK RIDGE

- 270. General Electric Co.
253 Main St., E.
Phone: 5-2476
- 271. Ridge Instrument Co.
162 Talmado Rd.
Phone: 5-3333

POWELL

- 272. Consolidated Amer. Machinery of Fla. Inc.

SIGNAL MOUNTAIN

- 273. All South Sales & Engrg. Co.
P. O. Box 42
Phone: TU 6-1297
- 274. Mack, Edwin S.
507 Carolina Ave.
Phone: TU 6-1277

TEXAS

ABILENE

- 1. Allis-Chalmers
412 First National Bank Bldg.
Phone: OR 4-3472
- 2. Carpenter Bearing Co.
828-630 Walnut St.
Phone: OR 3-4401
- 3. Carroll Oxygen Co., Paul
P. O. Box 1857
- 4. General Electric Co.
442 Cedar St.
- 5. Malcom Supply Co.
2633 S. Treadaway
P. O. Box 1721
Phone: OR 3-7858
- 6. Oil Field Service & Equip.
P. O. Box 1772

ALICE

- 7. Alice Air System Service
San Antonio Hwy.
P. O. Box 1462
- 8. Oil Field Motor Service Co.
301 W. 1st St.
P. O. Box 90
Phone: MO 4-5407

AMARILLO

- 9. Allis-Chalmers
301 Polk St.
Phone: DR 3-1766
- 10. Amarillo Hardware Co.
500 Grant St.
- 11. Amarillo Supply Co.
95 Taylor
P. O. Box 66
Phone: DR 2-6529
- 12. Butler & Land Inc.
1505 W. 10th St.
Phone: DR 6-5255
- 13. Capitol Bearing Service Inc.
713 E. 10th St.
P. O. Box 1302
Phone: DR 6-5253
- 14. Clowe & Cowan Inc.
401 Harrison St.
P. O. Box 551
Phone: DR 2-3247
- 15. Covington Co. Inc., S. C.
301 Polk St.
Phone: DR 3-5321
- 16. Crane Packing Co.
2810 Bonham St.
Phone: FL 6-5331

- 17. Cutler-Hammer Inc.
2296 S. Milam
Phone: DR 3-5143
- 18. General Electric Co.
Amarillo Bldg.
303 Polk St.
Phone: DR 3-3781
- 19. Moorlane Co.
118 S. Pierce
P. O. Box 2249
Phone: DR 2-6751
- 20. Morrow-Thomas Hardware Co.
P. O. Box 1541
- 21. Oakite Products Inc.
2015 Fannin
Phone: DR 4-3889
- 22. Radcliff Supply Co.
Box 1987
208 Polk St.
Phone: DR 3-8328
- 23. Simmons Co., W. T.
601 Buchanan St.
P. O. Box 2747
Phone: DR 4-8922
- 24. Snyder Co. Inc.
3615 S. Lipacomb
Phone: FL 6-5471
- 25. Tex-Air Gas Co.
P. O. Box 427
- 26. Welding Equip. & Supply Co.
P. O. Box 2363

ARLINGTON

- 27. Central Industrial Supply Co.
1505 E. Abram
P. O. Box 66
Phone: CR 5-2631
AN 4-1627
- 28. Hooper Sales Co.
P. O. Box 134
1934 E. Abram
Phone: CR 6-8511
- 29. Miles, Max
P. O. Box 134
Phone: CR 5-3067
- 30. Miller Co., Jack
1009 W. Randol Mill
P. O. Box 127
Phone: AN 2-2363
- 31. Preston Machine Tools Inc.
105 Professional Bldg.
Phone: AN 2-1556
CR 4-0591
- 32. Thomson Mfg. Co., Judson L.
600 109th St.
P. O. Box 354
Phone: CR 4-5142

AUSTIN

- 33. Austin Tool Co. Inc.
811 Capitol Ct. (51)
P. O. Box 4123
Phone: GL 2-1414
- 34. Capitol Bearing Service Inc.
613 Trinity St.
Phone: GR 7-9481
- 35. Hunter-Hayes Elevator Co.
P. O. Box 3177, S. Austin Station
108 Barton Springs Rd. (13)
- 36. Lueddecke Engrg. Co.
1007 W. 34th St. (11)
Phone: HO 5-7242
- 37. National Welding Supply Co.
P. O. Box 963 (65)

BEAUMONT

- 38. Allis-Chalmers
330 Liberty St.
Phone: TE 5-2535
- 39. Beaumont Oxygen Co.
3100 Port Arthur Rd.
P. O. Box 2661
- 40. Behring's Bearing Service
2960 Milan St.
Box 609
Phone: TE 3-6675
- 41. Briggs-Weaver Machinery Co.
1005 S. 4th St.
P. O. Box 1368
Phone: TE 8-3261
- 42. Crane Packing Co.
3525 Kenwood Dr.
Phone: TE 8-3020

SALES OFFICES

TEXAS

DALLAS (cont.)

43. General Electric Co.
P. O. Box 2870
1385 Calder Ave.
Phone: TE 2-8453
44. Gulf Supply Co. Inc.
4815 Fort Arthur Rd.
P. O. Box 470
Phone: TE 5-2511
45. Johnston Bearing & Supply Co.
2855 College St.
Phone: 4-8644
46. Norvell-Wilder Supply Co.
P. O. Box 4145
47. Oakite Products Inc.
1162 Victoria
Phone: TE 3-8892
48. Plowden Supply Co.
P. O. Box 4307
726 Franklin St.
Phone: TE 5-1421
49. Standard Brass & Mfg. Co.
705 Milam St.
P. O. Box 4225
Phone: 4-2641
50. Stedman Co., The
Park at Bowie
51. Sun Oil Co.
San Jacinto Bldg.
505 Orleans St.
Phone: TE 8-4611
52. Wallace Co. Inc.
Hwy. 347
P. O. Box 2071
Phone: TE 3-3364 &
WA 3-2831
53. Wessendorf, Nelms & Co.
Inc.
2170 Pecos
Phone: TE 3-5231

BELLAIRE

54. Bendit, L. C.
P. O. Box 146
Phone: MO 7-3592
55. Gronberg, Jack I.
P. O. Box 291
56. McChesney, R. D.
P. O. Box 5315 (101)
Phone: JA 9-2298
57. Steinberg, O. J.
4537 Merrie Lane

BORGER

58. Four-R Industrial Supply Inc.
328 E. 3rd St.
P. O. Box 510
Phone: BR 3-5678
59. General Sales Inc.
216 S. Main St.
Phone: BR 4-1369
60. Lewis Hardware Co.

BROWNSVILLE

61. Alamo Iron Works
Phone: LJ 2-4343

CANYON

62. Emerson Co., A. A.
1313 5th Ave.
Phone: OL 5-3111

CONROE

63. Conroe Mill Supply Co.
P. O. Box 362
Phone: PL 6-2731

CORPUS CHRISTI

44. Alamo Iron Works
100 N. Broadway
Phone: TU 3-9241
45. Allis-Chalmers
416 N. Chaparral St.
Phone: TU 3-8521
46. Campbell Steel Warehouse
P. O. Box 1286
Phone: TU 4-3881
47. Corpus Christi Hardware Co.
48. General Electric Co.
205 N. Chaparral
Phone: TU 4-4933
49. Glidden Engrg. & Equip. Co.
314 Cole St.
Phone: TU 4-7942
70. Hunter-Hayes Elevator Co.
P. O. Box 1241
4801 Kosarek
71. Midcap Bearing Service
4624 Baldwin Blvd.
Phone: TU 2-8259
72. Oakite Products Inc.
1120 Buffalo St.
Phone: TU 2-8882
73. San Antonio Machine & Supply Co.
Savage Lane
P. O. Box 971
Phone: TU 2-6591
74. Snyder Co. Inc.
1409 Ocean Dr.
Phone: TU 2-6591
75. Tropical Supply Inc.
1133 E. Port Ave.
P. O. Box 806
Phone: TU 3-6547
76. Truckers Equip. Inc.
1517 N. Port Ave.
Phone: TU 2-2508
77. Wallace Co. Inc.
4545 Baldwin Blvd.
P. O. Box 1473
Phone: TU 2-1961

CORSICANA

78. Oil City Iron Works
820 S. 12th St.
Phone: TR 4-6521

DALLAS

79. Aeroquip Corp.
9105 Sovereign Row (35)
P. O. Box 35463
Phone: FL 7-6391
80. Air Equip. Sales Co.
P. O. Box 35012
2608 Inwood Rd. (35)
Phone: FL 2-6942
81. Air Power Products
2214 Irving Blvd. (7)
Phone: RI 8-1381
82. Ajax Electric Salt Bath Furnaces
4045 Lemmon Ave. (19)
Phone: LA 6-7433
83. Alemite Co.
1611 Dragon St. (7)
84. Allegheny Ludlum Steel Corp.
145 Meadows Bldg. (6)
Phone: EM 1-2891 &
1-2892
85. Allied Components Inc.
P. O. Box 10203 (7)
Phone: RI 2-2430
86. Allis-Chalmers
1800 N. Market St. (2)
Phone: RI 2-7144
87. Allmetal Screw & Supply Inc.
3008 Taylor
301 Thomas Bldg. (2)
Phone: RI 1-6291
89. Amer. Brass Co., The
5531 E. University Blvd.
Phone: EM 8-6311
90. Amer. Optical Co.
711 S. St. Paul St.
Phone: RI 7-8361
91. Amer. Pulley Co., The
2110 Farrington St.
Phone: RI 8-8454
92. Ammon & Woods Assoc.
5602 E. Mockingbird Lane
Phone: TA 6-4171
93. Anderson Co., R. P.
2503 W. Mockingbird Lane
Phone: FL 1-5351
94. "Andy" & Assoc.
5531 Dyer St., Room 201 (6)
Phone: EM 8-8811
95. Associated Air Services
P. O. Box 13185
Phone: FL 2-2083
96. Baker Industrial Trucks
910 N. Industrial Blvd. (7)
Phone: RI 8-5283
97. Bakery Engrg.
4231 Valley Ridge Rd.
98. Bailey & Hackney Co.
3819 Bowser Ave.
Phone: LA 6-8487
99. Baldwin-Lima-Hamilton
2356 Irving Blvd. (7)
Phone: RI 7-8441
100. Ballem & Wells Co.
2909 Maple Ave., Suite 201 (4)
Phone: RI 2-3849

101. Barnett, O. C.
P. O. Box 4484 (8)
Phone: WH 2-7823
102. Bay State Tap & Die Co.
1902 N. Field St. (2)
Phone: RI 1-3144
103. Bearing, Chain & Supply Co.
2613 Canton St.
Phone: RI 2-8626
104. Bellows-Valvair
4924 Greenville Ave. (6)
Phone: EM 8-6223
105. Benson Engrg. Co.
2514 W. Mockingbird Lane (35)
Phone: FL 2-7541
106. Berk, J.
5423 Druid Lane (9)
Phone: FL 2-8627
107. Bernhard Engrg. Sales Co.
309-311 Meadows Bldg. (6)
Phone: EM 2-1330
108. Bethlehem Steel Co.
1702 Adolphus Tower
1412 Main St. (2)
Phone: RI 8-9546
109. Black & Decker
1908 N. Industrial Blvd. (7)
Phone: RI 1-5089
110. Bliss & Laughlin Inc.
P. O. Box 7427 (9)
Phone: FL 2-1455
111. Bolton Co., W. H.
9061 Dresden Dr. (20)
Phone: FL 1-4981
112. Bosco Bolt, Nut & Screw Co.
2215 Young St.
113. Boston Gear Works
7111 Empire Freeway
Phone: FL 7-8127
114. Bowles Co., Stanley D.
1910 S. Lamar St. (2)
Phone: HA 8-1319
115. Bridgeport Brass Co.
1371 Crampton St. (7)
Phone: RI 1-4859
116. Briggs-Weaver Machinery Co.
5009 Hines Blvd.
P. O. Box 5609
Phone: LA 8-0311
117. Brown Co., R. C.
5523 Dyer St. (6)
P. O. Box 8026
Phone: EM 8-2866
118. Browne Co., P. D.
2512 W. Mockingbird Lane (35)
Phone: FL 7-2239
119. Brunner & Lay Inc.
150 Leslie St. (2)
Phone: RI 7-0728
120. Bunting Brass & Bronze Co.
2825 Commerce St. (26)
Phone: RI 7-1722
121. Butler & Land Inc.
5538 Dyer St. (6)
P. O. Box 8085
Phone: EM 1-6631
122. Cannon Co., W. W.
9739 Denton Dr.
123. Capton & McEvoy
2724 Commerce St. (26)
Phone: RI 1-4446,
1-4447
124. Carrier Corp.
P. O. Box 2278
10838 N. Central Express-
wy. (1)
Phone: EM 8-3631
125. Cavert & Lipscomb
1127 Kirby Bldg. (1)
Phone: RI 7-6282
126. Century Electric Co.
Room 522, Texas Bank
Bldg.
810 Main St. (2)
Phone: RI 8-4477
127. Chain Belt Co.
8601 Sovereign Row
P. O. Box 10167
Phone: FL 7-4061
128. Chapman Co., J. T.
1103 Levee St. (7)
Phone: RI 8-3950

129. Chase Brass & Copper Co.
119 Pittsburgh St. (7)
P. O. Box 10386
Phone: RI 7-4271
130. Chicago Pneumatic Tool Co.
1021 Levee St. (7)
Phone: RI 1-4588
131. Cleco Air Tools
2526 W. Mockingbird Lane (35)
Phone: FL 2-9545
132. Cleveland Tramrail Texas Co.
5542 Dyer St. (6)
Phone: EM 1-2839
133. Cleveland Twist Drill Co., The
1902 N. Field St. (2)
Phone: RI 1-3144
134. Coast Mfg. & Supply Co.
4824 Greenville Ave.
Phone: EM 8-7871
135. Coastal Plains Supply Co.
1631 Dragon St.
Phone: RI 1-1776
136. Cockrell-Winniford Co.
2712 Live Oak
Phone: TA 4-6741
137. Collier Co., C. H.
P. O. Box 6118
154 Payne St. (9)
Phone: RI 1-3351
138. Commercial Shearing & Stamping Co.
508 Exchange Bank Bldg.
100 Exchange Park, N. (35)
Phone: FL 2-1759
139. Connell Co., J. S.
2816 Commerce St. (26)
140. Continental Box Co.
2011 Cedar Springs
Phone: RI 2-6665
141. Continental-Emaco Co.
810 Commerce St. (1)
142. Continental Screw Co.
Prentice Bldg.
4515 Prentice St., Room 103
Phone: EM 1-1640
143. Cottingham Bearings & Service
401 Exposition Ave. (26)
Phone: TA 4-2581
144. Courtney, O. W.
P. O. Box 293 (1)
Phone: FE 9-8211
145. Crane Packing Co.
10503 Channel Dr. (29)
Phone: FL 7-2966
146. Crucible Steel Co.
7001 Sovereign Row (35)
P. O. Box 35047, Air lawn
Sta.
Phone: FL 7-3941
147. Curtin & Co., W. H.
P. O. Box 5304 (22)
148. Cutler-Hammer Inc.
9040 Directors Row (35)
Phone: FL 7-6441
149. D & O Engrg. Co. Inc.
P. O. Box 8053 (6)
Phone: EM 8-5066
150. Damschroder, James A.
Suite G - Lingo Bldg.
8400 Westchester Dr. (25)
Phone: EM 1-2730 &
RI 1-5225
151. Dasco Supply Inc.
P. O. Box 5606 (22)
Phone: RI 8-7741
152. Davies Supply & Mfg. Co.
2547 Farrington St. (7)
Phone: RI 7-5423
153. De Laval Separator Co., The
10635 Benbrook Dr. (28)
154. Denison Engrg. Div.
5526 Dyer St.
Phone: EM 8-8187
155. Detrex Chemical Industry Inc.
301 N. Market St.
Phone: RI 8-3469
156. DeVilbiss Co., The
2468 Irving Blvd. (7)
Phone: RI 1-4052
157. Diston Div.
435 Kirkwood Dr. (18)
Phone: DA 1-9302

SALES OFFICES

TEXAS

DALLAS (cont.)

158. DoALL Dallas Co.
2014 N. Industrial Blvd.
(7)
Phone: RI 1-4536,
1-4537
159. Dodge Mfg. Corp.
2412 Irving Blvd. (7)
Phone: RI 1-4851
160. Dow Corning Corp.
6778 Greenville Ave. (31)
Phone: EM 8-1301
161. Dumore Co., The
P. O. Box 11614 (10)
Phone: DA 1-1980
162. Eastman Kodak Co.
P. O. Box 35483 (35)
Eckhardt, Arthur E.
817 S. Montreal
164. Edwards Inc., Allan
P. O. Box 9585
165. Eggelhof Engineers Inc.
4331 Belmont Ave.
Phone: TA 4-2505
166. Eldridge Sales Co., L. C.
510 Interurban Bldg.
Phone: RI 8-2952
167. Elliott Co., Lynn
1008 Fidelity Union Life
Bldg. (1)
Phone: RI 8-1140
168. Engelhard Industries Inc.
Mercantile Dallas Bldg.,
Rm. 1125
1807 Commerce St. (1)
Phone: RI 7-0206
169. Engrg. Sales Co.
P. O. Box 10274
118 Parkhouse (7)
Phone: RI 1-9015
170. Engrg. Supply Co.
6000 Denton Dr. (35)
Phone: FL 7-6121
171. Eutectic Welding Alloys
2204 Irving Blvd. (7)
Phone: RI 1-5829
172. Fafnir Bearing Co., The
9000 Directors Row (7)
Phone: FL 7-6568
173. Fairbanks, Morse & Co.
1713 N. Market St. (2)
Phone: RI 1-4741
174. Famco Machine Co.
1236 Holly Glen Dr. (32)
Phone: FR 1-8798
175. Fix Co., George J.
2413-2415 Commerce St.
(26)
Phone: RI 8-2218
176. Flexible Tubing Corp.
2703 Bomar Ave. (35)
Phone: FL 7-6613
177. Fork Lift Sales & Service
Inc.
5506-08 Redfield Rd. (35)
Phone: LA 8-6196
178. Foshee, Dan P.
8735 Graywood Dr. (31)
Phone: FR 4-7392
179. Freik, Ray
318 N. Pearl St.
Phone: RI 1-6051
180. French, Howard G.
2316 Costa Mesa (28)
Phone: DA 8-2289
181. Fricke, A. C.
212 Julian St. (8)
Phone: WH 6-2151
182. Fuller Brush Co., The
1532 Hi-Line Dr.
183. Galbraith Steel & Supply Co.
227 Mercantile Commerce
Bldg.
184. Galvin Sales Co.
5622 Dyer St. (6)
Phone: EM 8-3878
185. Gardner-Denver Co.
7125 Harry Hines Blvd.
(35)
P. O. Box 35106
Phone: FL 7-4561
186. Gehrke, Edwin G.
4205 Vanette Lane (16)
Phone: FR 1-0937
187. General Controls Co.
1804 N. Industrial Blvd.
(7)
Phone: RI 1-3494

188. General Electric Co.
P. O. Box 5821
8101 Stemmons Freeway
(2)
Phone: FL 7-4581
189. General Power Equip. Co.
5527 Dyer St. (6)
Phone: EM 8-4855
190. Giller Tool Corp.
8700 Chancellor Row (35)
191. Gilliam Equip. Co., John
P. O. Box 10145 (7)
Phone: RI 2-5121
192. Glidden Engrg. & Equip. Co.
4924 Greenville Ave. (8)
P. O. Box 4815
Phone: FO 8-4851
193. Goodrich Industrial Products Co., B. F.
1400 Turtle Creek Blvd.
Phone: RI 1-5601
194. Graybar Electric Co. Inc.
717 Latimer St. (26)
195. Greene Machinery Co.
6300 Wyche Blvd. (19)
Phone: FL 2-7531
196. Grefne Machinery Co.
6300 Wyche Blvd. (19)
Phone: FL 2-7531
197. Griffin, Charles L.
P. O. Box 13643 (24)
Phone: RI 7-1441
198. Griggs Co. Inc., M. K.
322 W. Jefferson (18)
Room 317
Phone: WH 1-4994
199. Guenther, John B.
4533 N. Central Express-
wy. (25)
Phone: LA 8-6286
200. Haley, G. R.
2514 Irving Blvd. (7)
Phone: RI 1-3423
201. Hall Grille & Fender Works,
Claude
1319 Avery St.
202. Hamilton & Assoc., R. F.
4515 Prentice St. (6)
Phone: EM 1-0038
203. Hamilton Machinery Co.
918 W. Commerce St. (22)
P. O. Box 5959
Phone: RI 7-4141
204. Handy & Harman
5840 Williamstown Rd.
(30)
Phone: AD 9-2717
205. Hargrove Auto Supply,
Fletcher
P. O. Box 4132, Station
"A"
206. Harnischfeger Corp.
1225 N. Industrial Blvd.
(7)
Phone: RI 7-7796
207. Harris Co., L. M.
Box 5936, Terminal Annex
Phone: WH 3-7573
208. Harter Machinery, C. J.
Suite 529, Braniff Airways
Bldg. (35)
Phone: FL 2-4371
209. Hatfield & Co.
P. O. Box 7072 (9)
Phone: FL 7-5616
210. Hewitt-Robins
2528 Oakland Ave. (15)
Phone: HA 8-1543
211. Hill Equip. & Supply Co.
1745 Levee St.
Phone: RI 1-3067
212. Hjort, Dale
9745 Hines Blvd. (20)
Phone: FL 2-2560
213. Houghton & Co., E. F.
Box 624, Terminal Annex
Sta. (22)
Phone: RI 2-5633
214. Hunt, Asa E.
1710 Jackson St. (1)
215. Hunter-Hayes Elevator Co.
P. O. Box 7111, Inwood
Sta.
6102 Lemmon Ave. (9)
216. Huster Machine Tool Co.
1768 Proctor St. (19)
P. O. Box 6685
Phone: FL 7-3808
217. Hydraquip Corp.
1517 Levee St.
Phone: RI 7-9237

DALLAS (cont.)

218. Industrial Air Controls Inc.
1228 N. Industrial Blvd.
(7)
Phone: RI 7-1389
219. Industrial Sales Service Inc.
6626 Maple (35)
P. O. Box 35374
Phone: FL 1-3927
220. Industrial Tool Specialties
5314 Cedar Springs Rd.
(19)
Phone: LA 6-2946
221. Ingersoll-Rand Co.
1728 Canton St. (1)
Phone: RI 7-8311
222. James & Cooper Co.
821 Exchange Bank Bldg.
100 Exchange Park, N.
(35)
Phone: FL 7-1559
223. Jarrett, Harry
Box 275 (21)
224. Jenner Steel Co.
6524 Lafayette Way (30)
Phone: AD 9-2306
225. Johnson Bronze Co.
3034 Commerce St. (26)
Phone: RI 1-5441
226. Johnson Co., Dean A.
2023 Lucas Dr. (19)
Phone: LA 6-8567
227. Johnson Equip. Co.
11114 Wonderland Trail
Phone: SW 2-3143
228. Johnson & Son Inc., S. C.
6417 Cedar Springs Ave.
(35)
Phone: FL 2-3937
229. Joiner-Meade-Capers
3920 Cedar Springs
Phone: LA 6-8624
230. Jordan, Jr., Frank H.
2844 Fondren Dr. (5)
231. Kantenberg Co., The
711 Reverchon Dr. (11)
Phone: WH 1-4724
232. Kearfott Div.
6211 Denton Dr. (35)
Box 35308
233. Kemp Engrg. Co.
2618 Manana Dr. (20)
P. O. Box 13251
Phone: FL 7-6663
234. Kinetrol Co.
5543 Dyer St.
Phone: EM 8-2871
235. Koch Engrg. & Sales Co.
309 Meadows Bldg. (6)
Phone: EM 1-1765
236. Koelling Co., Robert K.
5516 Dyer St. (6)
Phone: EM 1-1411
237. LaSalle of Tex. Inc.
2805 Allen St. (20)
Phone: RI 7-5814
238. Lawrence Sales Co.
Box 13026
Phone: FL 2-7484
239. Lay Machinery Co.
3510 Greenville Ave. (6)
Phone: TA 4-1189
240. Lindberg Engrg. Co.
1100 N. Mont Clair Ave.
(8)
Phone: WH 3-8033
241. Linde Co.
6300 N. Central Express-
wy.
242. Lindeman, E. C.
3110 N. Fitzhugh Ave. (4)
Phone: LA 6-5861
243. Lindsay Machinery Co., Bill
601 W. Commerce (8)
Phone: RI 7-1521
244. Long Machine Tool Co.
2801 Elm St. (26)
Phone: RI 1-1969
245. Lord Mfg. Co.
Gibraltar Life Bldg. (1)
Phone: RI 1-3392
246. Lowman, David
3209 McKinney St. (2)
247. M-H Truck & Caster Co.
1808 Sylvan St.
Phone: RI 7-4251
248. M & M Supply Co.
2716 Mockingbird Lane
(35)
Phone: FL 1-3766
249. Machine Tool Assoc. Inc.
214 Prentice Bldg. (6)
Prentice at Yale
Phone: EM 8-6576
250. Machine Tool Sales Co.
1809 Canton St. (1)
Phone: RI 2-9219
251. Machinery Sales & Supply
Co.
3405 Commerce St. (21)
P. O. Box 1078
Phone: RI 1-6701
252. Machinists Tools & Supplies
Inc.
1307 Chemical St.
Phone: RI 7-9633
253. Magnaflex Corp.
2833 Manor Way (35)
Phone: FL 2-2626
254. Mahler Co., John G.
1314 Wood St.
255. Marathon Electric Mfg.
Corp.
318 N. Pearl St. (1)
Phone: RI 7-7696
256. Marlin-Rockwell Corp.
1356 Chemical St. (7)
Phone: RI 1-6308
257. Marquette Mfg. Co.
1811 Levee St. (7)
Phone: RI 2-7011
258. Mayhew Supply Co. Inc.
P. O. Box 7726
4700 Scyene Rd.
Phone: HA 8-1563
259. Metal Goods Corp.
6211 Cedar Springs Rd.
(35)
Phone: FL 1-3271
260. Micro Switch
6000 N. Central Express-
wy. (6)
Phone: EM 1-6227
261. Mid-Western District Sales
Office
2720 W. Mockingbird Lane
(35)
Phone: FL 2-9237
262. Miles, R. V.
2909 Canton
Phone: RI 7-0595
263. Milam Aircraft & Industrial
Supply Co.
2716 W. Mockingbird Lane
(35)
Phone: FL 1-3766
264. Miller Electric Mfg. Co. Inc.
1303 S. Montreal
Phone: FE 7-3232
265. Mills, Fred S.
504 Interurban Bldg. (1)
Phone: RI 2-4585
266. Minn. Mining & Mfg. Co.
2121 Santa Anna Ave. (28)
Phone: DA 7-7311
267. Mobil Oil Co.
Meadows Bldg.
5646 Milton St.
Phone: EM 8-5861
268. Mobil Oil Co.
3710 Rawlins St.
Phone: LA 6-7801
269. Moncrief-Lenore Mfg. Co.
2751 Coombs
P. O. Box 1489
Phone: HA 8-5161
270. Mooney Engrg.
P. O. Box 7184 (9)
Phone: FL 2-6776
271. Morse Chain Co.
108 Lake Highlands Vill-
lage
Phone: DA 7-1651
272. Morse Twist Drill & Ma-
chine Co.
2110 Farrington St. (7)
P. O. Box 10294
Phone: RI 1-5640 &
1-5649
273. Mueller Brass Co.
1616 Hi-Line Dr. (7)
P. O. Box 10262
Phone: RI 7-8773
274. Murnan, Emilie
9667 Lynbrook (18)
Phone: DI 8-9426
275. Murray Co. of Tex. Inc.
3200 Canton St. (26)
Box 7763, Fair Park Sta.
Phone: RI 1-9441

SALES OFFICES

DALLAS (cont.)

- 276. Myers, B. C.
932 W. Jefferson Blvd.
(8)
Phone: WH 2-4363
- 277. National Twist Drill & Tool Co.
915 Dragon St. (7)
Phone: RI 2-9638
- 278. Neal, J. P.
1236 Holly Glen Dr. (32)
Phone: FR 1-6798
- 279. Nelson Stud Welding Div.
1323 Levee St. (7)
Phone: RI 7-3728
- 280. Nicholas & Parks Machinery
2800 Commerce St. (22)
Box 5729
Phone: RI 1-3246
- 281. North Amer. Viking Drill Co.
3104 Gaston Ave. (26)
Phone: TA 1-2363
- 282. NuRo Co.
P. O. Drawer 6597, Medical Center Sta.
Phone: LA 8-6369
- 283. Oakite Products Inc.
Kirby Bldg.
1509 Main St. (1)
Phone: RI 7-2589
- 284. Oil Well Supply Div.
P. O. Box 478
2001 N. Lamar (21)
Phone: RI 7-8321
- 285. O'Neill Machinery Co., Dave
2714 Fielder Ct. (35)
P. O. Box 35367
Phone: FL 7-7397
- 286. Otta, Earl R.
6503 N. Ridge Dr. (14)
Phone: TA 3-2020
- 287. P & T Metal Detail
2330 Langford St.
288. Packard Assoc.
Love Field Terminal Bldg.
(35)
Phone: FL 7-5713
- 289. Patterson, H. E.
2617 Whitewood Dr.
Phone: FE 7-1318
- 290. Peck Co., The Gordon V.
130 Casa Linda Plaza (18)
Phone: DA 1-5797 or 6579
- 291. "POP" Rivet Div.
3707 Kusbia
Phone: FR 4-8322
- 292. Porter-Cable Machine Co., The
1712 S. Akard St.
Phone: HA 8-2851
- 293. Proto Tool Co.
Box 6633 (19)
Phone: LA 6-3325
- 294. Redfearn Sales Co.
4513 Emerson (5)
Phone: RI 1-4511
- 295. Reichhold Chemicals Inc.
4909 Reading St. (7)
Phone: FL 1-6481
- 296. Reliance Electric & Engrg. Co.
Room 225, Grace Bldg.
5622 Dyer St.
Phone: EM 8-3928
- 297. Reliant Tool Products Co.
9745A Hines Blvd. (20)
P. O. Box 13465
Phone: FL 2-5431
- 298. Republic Steel Corp.
362 Perkins Bldg. (1)
Phone: RI 1-5373
- 299. Resistoflex Corp.
135 Glass St. (7)
Phone: RI 2-2396
- 300. Reverse Copper & Brass Inc.
P. O. Box 35247
8320 Chancellor Row (35)
Phone: FL 7-4058
- 301. Reynolds Metals Co.
729 Exchange Bank Bldg.
100 Exchange Park, N.
Phone: FL 2-4874
- 302. Richardson, Jack
5531 Lobello Dr.
Phone: EM 8-5655
- 303. Robco
390 Prentice Bldg.
4515 Prentice St. (6)
Phone: EM 8-3338

- 304. Royal Supply Co., The
6626 Maple (35)
P. O. Box 35374
Phone: FL 1-3927
- 305. Russell, Burdell & Ward
Bolt & Nut Co.
3116 N. Fitzhugh (4)
Phone: LA 6-5801
- 306. Ryerson & Son Inc., Jos. T.
Box 5960 (22)
Phone: FE 1-4311
- 307. SKF Industries Inc.
2720 Taylor St. (26)
Phone: RI 2-4116
- 308. Sabine Supply Co., The
9005 Sovereign Row (35)
309. Sander, Wm. A.
7305 Edgerton Dr. (31)
Phone: EM 8-2093
- 310. Saulsman, J. H.
6455 Anita St. (14)
Phone: TA 6-5535
- 311. Scanlon Co., D. J.
2608 Inwood Rd. (35)
Phone: FL 1-9881
- 312. Schill Steel Co. of Dallas
3835 Singleton Blvd. (16)
P. O. Box 8617
Phone: FE 1-4354
- 313. Schindler Co., William P.
2133 Butler St. (35)
P. O. Box 35363
Phone: LA 8-0517
- 314. Schoenfeld Co., William P.
4407 Northcrest Rd. (29)
Phone: FL 2-6260
- 315. Schoonmaker Co. Inc., J. Y.
5328 Redfield St. (35)
P. O. Box 35266
Phone: LA 6-7238
- 316. Scott Machinery Co., L. C.
1910 S. Lamar (15)
Phone: HA 8-1319
- 317. Severance, Robert H.
3412 Monte Carlo (34)
Phone: FE 1-8221
- 318. Shuey Co., Robert A.
6234 Peeler (35)
P. O. Box 35393
Phone: FL 7-3393
- 319. Sinclair Refining Co.
P. O. Box 6568, Medical Center Sta. (19)
- 320. SKIL Corp.
4014 Elm St. (26)
Phone: TA 4-1674
- 321. Slug Bit Supply Co.
9745-A Harry Hines Blvd.
(20)
Phone: FL 2-4039
- 322. Smeal, M. W.
10811 Camellia Dr.
Phone: EM 1-4228
- 323. Smetherman, Dan A.
6228 Wofford Ave. (17)
Box 11132, E. Grand Station
Phone: EV 1-4259
- 324. Snap-on Tools Corp.
9101 Diplomacy Row (7)
Phone: FL 7-8241
- 325. Snyder Co. Inc.
1432 E. 6th St. (35)
Phone: FL 7-6461
- 326. Southwest Industrial Sales Co.
2326 W. Mockingbird Lane (35)
P. O. Box 36285
Phone: FL 2-1709
- 327. Southwestern Engrg. & Equip. Co.
4045 Lemmon Ave. (19)
Phone: LA 6-7433
- 328. Southwestern Gage Co.
3030 Dyer St. (5)
Phone: EM 3-1121
- 329. Southwestern Precision Sales Inc.
3030 Dyer St. (5)
Phone: EM 3-1721
- 330. Stanco Co., The
2516 Irving Blvd. (7)
P. O. Box 10086
Phone: RI 1-5136
- 331. Standard Tool Co.
1621 Dragon St. (7)
P. O. Box 19107
Phone: RI 7-4285, 86 and 87

DALLAS (cont.)

- 332. Star Stainless Screw Co.
P. O. Box 4341
- 333. Sterling Electric Motors Inc.
1103 Levee St. (7)
Phone: RI 8-3959
- 334. Sunnen Products Co.
9449-C Lake N. Circle (20)
Phone: RI 1-5325
- 335. Sun Oil Co.
744 Rio Grande National Bldg. (21)
Phone: RI 7-1611
- 336. Sutton & Assoc., Wes
1165 Parkcrest Dr. (11)
Phone: WH 2-0147
- 337. Swayze, R. L.
3929 Centenary (25)
Phone: EM 1-0567
- 338. Swygard, A. C.
113 Payne (7)
Phone: RI 2-5129
- 339. Syntrol Dallas Sales Co.
2013 Young St. (1)
Phone: RI 7-4328
- 340. Tarvin, John C.
7225 Maringo Dr.
Phone: EV 1-6943
- 341. Tate & Roe Equip. Co.
5542 Dyer St. (6)
Phone: EM 1-2858
- 342. Taylor & Speaker Co.
2011 Cedar Springs (1)
343. Teves Barrier Inc.
2712 W. Mockingbird Lane (35)
Phone: FL 2-6084
- 344. Texaco Inc.
1512 Commerce St. (32)
P. O. Box 6171
Phone: RI 3-3581
- 345. Tex. Contractors Supply Co.
2527 Farrington St.
- 346. Tex. Rubber Supply Co. Inc.
P. O. Box 6007
2436 Irving Blvd.
Phone: RI 7-3143
- 347. Tex. Solvents & Chemicals
2500 Vinson St. (12)
Phone: FE 1-5428
- 348. Tex. Tool Traders
5206 Hines Blvd. (35)
Phone: LA 8-0591
- 349. Thompson-Hayward Chemical Co.
P. O. Box 6236
2627 Weir St. (23)
Phone: FE 1-6521
- 350. Thompson, M. C.
1022 N. Edgefield Ave. (8)
Phone: WH 2-0121
- 351. Tompkins Co., The
2743 Irving Blvd.
Phone: FL 1-3243
- 352. Tool Product Co.
147 Payne St. (7)
P. O. Box 10485
Phone: RI 1-4453
- 353. Tool Supply & Engrg. Co.
1901-03 Canton St. (1)
P. O. Box 6077
Phone: RI 1-1653
- 354. Towne Industrial Equip. Co.
1410 S. Akard St. (15)
- 355. Trinity Auto Parts
209 Corinth at Rock Island (7)
- 356. Tri-State Machinery Co.
3000 Commerce St.
- 357. Tucker, R. C.
P. O. Box 13773
Phone: RI 7-3312
- 358. Turner Chain & Belt Co.
2913 Canton St. (26)
Phone: RI 7-8781
- 359. Twin Disc Clutch Co.
1511 Turtle Creek Blvd. (7)
Phone: RI 1-3014
- 360. Union Carbide Plastics Co.
6300 N. Central Expressway.
(6)
Phone: EM 3-1691
- 361. U. S. Gypsum Co.
6810 Hines Blvd. (35)
Phone: FL 1-5386
- 362. Unlaub Co., C. G.
P. O. Box 7945
2944 Oak Lane (26)
Phone: HA 8-1511

TEXAS

- 363. Vanadium-Alloys Steel Co.
318 N. Pearl St. (1)
Phone: RI 7-1200
- 364. Vascology-Ramet Corp.
9745A Hines Blvd.
Phone: FL 2-4033
- 365. Verson Mfg. Co.
6300 S. Central Expressway.
P. O. Box 9128
Phone: FR 1-1301
- 366. Viking Pump Co.
2175 W. Commerce (22)
Phone: RI 2-6839
- 367. Wagner, Constantine A.
5024 University Blvd. (9)
Phone: FL 2-4819
- 368. Wallace-Gluck Co.
2679 Freewood Dr. (20)
P. O. Box 13203
Phone: FL 7-7080
- 369. Wallis, Ralph E.
4047 Herschel Ave., Apt. 12 (19)
Phone: LA 1-1537
- 370. Wapakoneta Machine Co., The
6455 Danbury Lane (14)
371. Ward Co., L. R.
3009 Canton St. (26)
Phone: RI 1-9604
- 372. Wear Assoc.
4016 Colgate Ave. (5)
Phone: EM 3482
- 373. Webb, J. K.
2810 McKinney Ave. (1)
Phone: TA 3-6179
- 374. Welders Supply Inc.
430 S. Industrial (7)
Phone: RI 8-4721
- 375. Wells, Raymond
2912 Randy Lane
Phone: CH 7-3741
- 376. West Chemical Products Inc.
5416 Maple Ave. (9)
- 377. Western Gear Corp.
Exchange Bank Bldg.
Phone: FL 7-1970
- 378. Westinghouse Air Brake Co.
714 Exchange Bank Bldg.
100 Exchange Park, N. (3)
Phone: FL 2-9822
- 379. Wheel Truening Tool Co.
101 Manufacturing St. (7)
Phone: RI 1-5509
- 380. Whitson Engrg. Co.
2640 Freewood St. (20)
- 381. Wickman & Assoc., H. M.
4350 N. Central Expressway.
(9)
Phone: FL 2-1832
- 382. Wilber Co., R. B.
106 Express St. (7)
Phone: RI 8-6145
- 383. Williams & Co., Jim
5027 Liliac Lane (9)
Phone: FL 2-8525
- 384. Wiley, John G.
2604 Mt. View Dr. (34)
Phone: CH 7-3191
- 385. Wilson Co., C. G.
1501 S. Akard St.
Phone: RI 8-3498
- 386. Winter Brothers Co.
915 Dragon St. (7)
Phone: RI 7-0571
- 387. Womack Machine Supply Co.
P. O. Box 35027
2910 Shea Rd. (25)
Phone: FL 7-3871
- 388. Woodard & Co., Jack W.
410 S. Haskell Ave.
P. O. Box 11614
Phone: TA 4-3721
- 389. Wood's Sons Co., T. B.
1201 W. Commerce St. (8)
Phone: RI 1-7161
- 390. Wright Industrial Products
5738 N. Central Expressway
Phone: TA 4-2571
- 391. Zimmerman, Fred H.
6327 Lakehurst Ave. (3)
Phone: EM 1-6206

EL CAMPO

- 392. Eltex Welding Supply Co.
1004 E. Jackson St.
P. O. Box 494
Phone: LI 3-2281

SALES OFFICES

TEXAS

EL PASO

393. Alemitte Co., The
601 Montana St.
P. O. Box 177
394. Allis-Chalmers
502 Electric Bldg.
Phone: KE 3-9517
395. Associated Engineers
511 Hawkins Way
P. O. Box 600
Phone: PR 2-3233
396. Associated Supply Co.
1034 Humble Dr.
Phone: PR 8-2101
397. Boyd Industrial Engrg. Co.
609 Laurel St.
Phone: 3-7575
398. Braun Chemical Co.
1309 Texas St.
Phone: PR 8-4225
399. Brewer Co., R. L.
P. O. Box 1547, Blumen-
thal Bldg., Room 204
100 El Paso St.
Phone: KE 2-7651
400. Brown Co., Roger
1109 W. Jo Ave.
Phone: KE 2-5418
401. Cate, C. F.
221 International Mart
Bldg.
Phone: KE 3-7352
402. Clifford, John B.
607 Montana St.
Phone: KE 2-9880
403. Electrical & Mechanical
Supply Co.
2000 Texas St.
404. El Paso Saw & Belting Sup-
ply Co. Inc.
1701 Texas Ave.
Phone: KE 2-3677
405. El Paso Welding Supply
1611 Paisano
Phone: KE 2-4461
406. Flournoy Co. Inc., E. D.
1224 E. Missouri
Phone: KE 3-5531
407. Gardner-Denver Co.
1704 E. Paisano Dr.
P. O. Box 3231, Station
"A"
Phone: KE 2-5656
408. General Electric Co.
215 N. Stanton
Phone: E-7553
409. Hunter-Hayes Elevator Co.
220 Espana
410. Industrial Hardware & Sup-
ply Co.
215 Poplar St.
P. O. Box 3231, Station
"A"
411. Ingersoll-Rand Co.
2100 Wyoming Ave.
Phone: KE 2-3673
412. Landes, Zachary & Peterson
Co.
1900 Mills St.
Phone: KE 3-9060
413. Lighting Unlimited
P. O. Box 1406
414. Midcap Bearing Service
1316 Texas St.
Phone: 2-3491
415. Mine & Smeiter Supply Co.
1515 E. 11th St.
P. O. Box 1162
Phone: KE 2-5431
416. Momsen, Dunnegan, Ryan
Co.
800 E. Overland St.
P. O. Box 240
417. Patterson Sales Co.
618 E. Yandell Blvd.
418. Steel & Engrg. Products Co.
(Valve)
1035 E. Side Rd.
P. O. Box 3626
Phone: PR 2-5274
419. Taylor-Simpkins Inc.
2126 Texas St.
420. Thomson Inc., George S.
611 N. Campbell St.
P. O. Box 17
Phone: KE 3-9503
421. Zork Hardware Co.
115 San Francisco St.

FORT WORTH

422. Airsupply Co.
1115 W. Lancaster
P. O. Box 1906
Phone: ED 5-4541
423. Allis-Chalmers
408 W. 7th St. (1)
Phone: ED 2-8331
424. Bauer Co., The
P. O. Box 9007
1017 Norwood St.
Phone: ED 6-4884
425. Big Three Welding Supply
1717 E. Presidio (1)
Box 1538
Phone: ED 6-5514
426. Bowlin Co., J. P.
2913 Bledsoe (1)
Phone: ED 2-8116
427. Brackeen, R. B.
P. O. Box 1845 (1)
Phone: PE 2-2634
428. Briggs-Weaver Machinery
Co.
222 N. University
Box 9096
Phone: FO 5621
429. Butterfield Div.
4116 E. Lancaster Ave. (3)
Phone: JE 5-2183
430. Camloc Fastener Corp.
2509 W. Berry St.
Phone: WA 6-3127
431. Card Div., S. W.
4116 E. Lancaster Ave. (3)
Phone: JE 5-2183
432. Carr, K. H.
Box 6784
Phone: WA 3-4476
433. Coates Co., Lloyd P.
3710 Meadowbrook Dr. (3)
Phone: JE 5-7632
434. Continental Oil Co.
244 Rowan Bldg.
6000 Camp Bowie Blvd.
(16)
Phone: PE 2-3381
435. Cottingham Bearings &
Service
209 Riverside Dr. (11)
436. Engrg. Assoc. Inc.
2912 Stanley
P. O. Box 886
Phone: WE 7386
437. Engrg. Test Services Inc.
P. O. Box 8158 (12)
Phone: JE 6-7891
438. Kilefson Co., Herbert B.
201 S. Calhoun St.
Phone: E-9555
439. Fischer, C. A.
P. O. Box 83 (3)
Phone: ED 2-6402 or
2-5435
440. Fix Co., George J.
408 W. Weatherford
Phone: ED 5-9283
441. Forth Worth Instrument Co.
2104 Thomas Rd. (1)
P. O. Box 524
Phone: TE 4-2434
442. General Electric Co.
408 W. 7th St. (2)
443. General Industrial Supply
Corp.
108 E. Industrial Ave. (1)
P. O. Box 243
Phone: ED 5-9581
444. Gilliam Equip. Co., John
3018 Bledsoe (7)
Phone: ED 6-3090
445. Glidden Engrg. & Equip. Co.
1909 Martel Ave. (3)
Phone: ED 2-9593
446. Graco Supply Co.
4830 E. Rosedale (5)
Phone: JE 4-4191
447. Great Western Supply Co.
2515 NE. 36th St.
P. O. Box 7121
Phone: VI 2211
448. Hall Bearing Co. Inc.
1304 Throckmorton (2)
449. Horn Metals Inc.
2513 Weisenberger St.
450. Hunter-Hayes Elevator Co.
Oil & Gas Bldg.
451. Industrial Air Controls Inc.
2715 Ludelle St.
Phone: JE 5-8936

452. Industrial Welding Supply

- Co.
301 Jones St.
453. Keith Co., Marvin
821 W. Vickery
454. Kencar Co.
3590 McCart St. (15)
P. O. Box 6784
Phone: WA 4-6674
WA 3-4476
455. Link Div.
242 Ridglea Bank Bldg.
3327 Winthrop St.
Phone: PE 2-4361
456. McCulloch Sales Co., C. M.
605 N. Retta St.
Phone: TE 8-7954
457. Mid-Continent Supply Co.
Mid-Continent Bldg.
P. O. Box 189
Phone: ED 2-4484
458. Millers Falls Co.
2711 Race St.
459. Nadco Inc.
3014 Sandage St.
Phone: WA 3-1204
460. Nordstrom, Dan H.
3532 Beverly Dr.
461. Norvell-Wilder Supply Co.
601 NE. 12th St.
Phone: MA 4-3143
462. Oakite Products Inc.
4905 Trail Lake Dr.
Phone: WA 6-4280
463. Ohio Crankshaft Co., The
(14)
Phone: ED 5-4112
464. Potter, H. W.
2701 Cullen St.
P. O. Box 9187
Phone: ED 6-5377
465. Precision-Southwest Co.
P. O. Box 1599 (1)
Phone: ED 2-1610
466. Sciaky Bros. Inc.
1414 Electric Bldg.
Phone: ED 6-4811
467. Sinclair Refining Co.
(North Central Tex. Dis-
trict)
P. O. Box 4307, Stockyards
Sta. (6)
468. Sinclair Refining Co.
(Southwestern Div.)
901 Fair Bldg. (2)
469. Standard Parts & Equip.
Corp.
904 N. Main
Phone: ED 6-2521
470. Tex. Contractors Supply Co.
2037 E. Lancaster
Phone: ED 2-4117
471. Tool Supply & Engrg. Co.
3970 Shannon Dr. (16)
Phone: ED 6-3756
472. Van Horn Co. Inc., Oliver H.
451 S. Main St. (1)
P. O. Box 2196
Phone: ED 4484
473. Waddell & Sons Inc., E. R.
4116 E. Lancaster Ave.
Phone: JE 5-2183
474. Wales Strippl Inc.
1414 Electric Bldg.
Phone: ED 6-2397
475. Webb & Co., Henry A.
Callard & T. & P. Tracks,
629 Ben St., Box 1967 (6)
Phone: JE 6-8228
476. Well Machinery & Supply
Co.
2901 Shotts St. (7)
P. O. Box 1659
Phone: ED 6-2391
477. Worth Welders Supply Co.
801 N. Houston

FREEPORT

478. Tobey Hardware & Supply
Co.
201 E. Park St.
Phone: 3-2871

GAINESVILLE

479. Greenwood & Co.
203 E. California
Phone: HO 5-2864

GALVESTON

480. Black Hardware Co.
2215 Strand St.

481. Gulf Coast Supply Co.
021 16th St.

GARLAND

482. Ameco Metal Inc.
630 S. Jupiter Rd.
P. O. Box 515
Phone: BR 6-6181
483. Holman, Joseph O.
P. O. Box 99
Phone: BR 8-8644

GRAND PRAIRIE

484. Alreo Supply Co. Inc.
2325 W. Jefferson
P. O. Box 128
Phone: AN 4-1551
485. Barrett Co., The
625 Stadium Dr.
Phone: AN 2-4500
486. Hopper Sales Co.
P. O. Box 1231
Phone: AN 2-2526
487. Tex. Aircraft Supply Co.
235 SE. 14
P. O. Box 331
Phone: AN 2-1129
488. Waggoner Co., C. F.
P. O. Box 1019

GREENVILLE

489. Carbide Sales & Engrg. Co.
Inc.
P. O. Box 1019

GREGGTON

490. Industrial Oxygen Corp.
1837 Gladewater Rd.

HARLINGEN

491. Gulf Welding Supply Co.
822 W. Jackson St.
492. San Antonio Machine &
Supply Co.
1201 W. Jackson St.
P. O. Box 671

HOCKLEY

493. Smith, Jr., W. O. W.
R. #1, Box 87
Phone: SW 5-2145

HOUSTON

494. Aaron Machinery Co. Inc.
8510 LaPorte Freeway (17)
Box 12333
Phone: MI 4-5346
495. Air-Dreco
P. O. Box 22387
4122 Richmond Ave. (27)
Phone: MO 7-8338
496. Airetool Mfg. Co., The
2046 Banks St. (6)
Phone: JA 3-5926
497. Ajax Electric Salt Bath
Furnaces
4101 San Jacinto St.
Phone: JA 8-7954
498. Alemitte Co.
308 Chenevert (1)
Phone: JA 8-7954
499. Allen-Bradley Co.
2105 McKinney Ave. (3)
Phone: CA 5-0747
500. Allis-Chalmers
1104 Dowling St. (3)
Phone: CA 5-0691
501. Allis Co., The Louis
1201 W. Clay (27)
P. O. Box 22287
Phone: JA 6-3487
502. Aluminum Co. of Amer.
1804 Commerce Bldg. (2)
Phone: CA 5-0531
503. Amer. Brass Co., The
1114 Texas Avenue Bldg.
(2)
Phone: CA 5-3267
504. Amer. Optical Co.
603 McGowen St.
Phone: JA 6-1731
505. Anderson Co., R. P.
4101 San Jacinto St. (4)
506. Anthony, L. B.
700 N. San Jacinto (1)
Phone: CA 2-2121
507. Automotive & Industrial
Warehouse of Houston
1420 Dallas Ave. (3)
Phone: CA 2-6261

SALES OFFICES

TEXAS

HOUSTON (cont.)

508. Babcock & Wilcox Co., The
2134 Welch St. (19)
Phone: JA 9-3521
509. Behring's Bearing Service
Inc.
1308 La Branch St. (3)
P. O. Box 57
Phone: CA 4-1743
510. Bellows-Valvair
6332 Long Dr. (17)
Phone: MI 4-5491
511. Bethlehem Steel Co.
7100 Clinton Dr. (1)
Box 2965
Phone: OR 2-7411
512. Big Three Welding Equip.
Co.
3602 W. 11th St.
P. O. Box 3047
Phone: UN 4-7701
513. Bilas & Laughlin Inc.
3220 Norfolk St., Apt. B.
(6)
Phone: JA 2-7196
514. Bob Machine Tool Co.
5115 Cornish (7)
Phone: UN 2-1302
515. Boswell, R. E.
2027 Harold St. (6)
Phone: JA 6-3975
516. Brance-Krachy Co. Inc.
4411 Navigation Blvd.
Phone: GA 5-6661
517. Brandt Equip. & Supply Co.
6620 Dixie Dr. (21)
P. O. Box 14284
Phone: OL 4-2652
518. Brice, William E.
303 Bastrop St. (3)
Phone: CA 2-7321
519. Bridgeport Brass Co.
3815 Richmond Ave. (27)
Phone: MO 7-9116
520. Briggs-Weaver Machinery
Co.
300 S. 67th St. (11)
P. O. Box 9405
Phone: WA 8-3361
521. Bristol Co., The
3617 W. Alabama St. (27)
Phone: MO 7-6509
522. Browne Co., P. D.
413 Continental Bank
Bldg. (2)
Phone: CA 7-1992
523. Buck, A. E.
10906 Raritan Dr. (43)
Phone: HO 5-6561
524. Butcher, Carter & Preston
Inc.
6635 Navigation Blvd. (23)
P. O. Box 18272
Phone: WA 3-9479
525. Carpenter Steel Co., The
2502 Broad St. (17)
Phone: OL 4-6564
526. Carrier Corp.
P. O. Box 22106
2727 Wesleyan St. (27)
Phone: MO 7-9188
527. Central Welding Supply Co.
Inc.
6515 Canal St. (11)
528. Century Electric Co.
Room 752, M & M Bldg.
1 Main St. (2)
Phone: CA 8-2384
529. Chain Belt Co.
2333 Gulf Terminal Dr.
Phone: WA 3-2786
530. Champion Industrial Sales
Co.
5809 Navigation Blvd.
Phone: WA 1-7183
531. Champion Industrial Supply
Co.
121 Riverwood Dr. (9)
Phone: OX 7-8039
532. Chase Brass & Copper Co.
16 Drennan St. (1)
P. O. Box 2151, Main P. O.
Phone: CA 2-7266
533. Chemicals International Inc.
Prudential Bldg., Suite
1110 (25)
Phone: JA 2-4141
534. Chenoweth, Bob
531 Esperson Bldg.
Phone: CA 2-2863
535. Chicago Pneumatic Tool Co.
2120 Canada Dry St. (23)
Phone: WA 3-4601
536. Circle Industries
P. O. Box 25064 (5)
Phone: MO 5-7429
537. Cleveland Tannal Tex. Co.
4007 Bellaire (25)
Phone: MA 3-8422
538. Coates Co., L. M.
5702 Navigation Blvd. (11)
Phone: WA 8-3391
539. Condit Co. Inc., Paul
P. O. Box 20094 (25)
Phone: MO 5-7429
540. Continental Box Co.
2324 Maury St. (26)
Phone: CA 4-9313
541. Continental Oil Co.
1300 S. Main (1)
P. O. Box 2197
Phone: CA 5-1511
542. Cozart, James W.
2123 Latexo
Phone: OV 2-4915
543. Crane Packing Co.
6626 Supply Row (11)
Phone: WA 3-7633
544. Creeger, Jr., Henry W.
3014 Ferndale St. (6)
Phone: JA 3-6450
545. Crucible Steel Co.
6416 Navigation Blvd. (1)
Phone: WA 1-7113
546. Cunningham Bearing Co.
5430 Gulf Freeway
P. O. Box 1987
Phone: WA 6-8801
547. Curtin Co., W. H.
P. O. Box 118 (1)
548. Cutler, E. H.
P. O. Box 25171 (5)
Phone: JA 8-7219
549. Cutler-Hammer Inc.
3305 Montrose Blvd. (6)
Phone: JA 6-2008
550. Davies, H. B.
5434 Creekbend Dr. (35)
551. Davis Equip. Co.
1404 Dunlavy St. (19)
P. O. Box 13051
Phone: JA 2-2711
552. Daystrom Inc.
3405 Mercer (27)
Phone: JA 6-4115
553. Dean, Francis H.
1932 Bissonnet Ave. (5)
Phone: JA 8-7718
554. De Laval Separator Co., The
P. O. Box 19503 (24)
Phone: HO 8-1938
555. Delta Supply Co.
3520 Clinton Dr.
Phone: FA 3-9844
556. Denison Engrg. Div.
3315 W. 12th St. (24)
Phone: UN 9-3776
557. Dix Co., The
11718 McGallion St. (22)
P. O. Box 16086
Phone: HI 7-1114
558. DoALL Tex. Co.
5512 Gulf Freeway (23)
Phone: WA 8-3488
559. Dolan Industrial Sales
5506 Lawndale Ave. (23)
P. O. Box 18513
Phone: WA 3-7648
560. Dorisd Trading Co.
P. O. Box 7563 (7)
561. Dow Corning Corp.
3927 Essex Lane, Room 4
(27)
Phone: MO 4-2471
562. Draper Co., G. H.
4203 La Branch (5)
P. O. Box 6545
Phone: JA 4-8543
563. Dunn Welding Equip. Co.
Inc.
P. O. Box 10242
564. Dye Welding Supply Co. Inc.
4515 Fannin St. (4)
565. Eads Co., The
P. O. Box 13071
1115 Dunlavy (19)
Phone: JA 6-1648
566. Eckman, Dan
5235 Sanford Rd.
567. Eclipse Air Brush Co.
8827 Chatsworth (24)
Phone: UN 4-2230
568. Eggelhof Engineers Inc.
1913 Hussion St.
P. O. Box 1743
Phone: CA 8-6471
569. Egnor Brothers
3010 Smith St. (6)
P. O. Box 969
Phone: JA 3-6648
570. Eldridge Sales Co., L. C.
5717 Kirby Dr.
Phone: JA 3-4565
571. Elgin National Watch Co.
P. O. Box 12241
6318 New York St. (17)
572. Elliott Co., Lynn
375 M & M Bldg. (2)
Phone: CA 4-9715
573. Emerson Co., A. A.
2420 Shakespeare Rd.
Phone: JA 2-6215
574. Engr. Sales Co.
5949 Armour Dr.
P. O. Box 2451
Phone: WA 6-8858
575. Engr. Test Services Inc.
4101 San Jacinto
Phone: JA 4-8381
576. Each & Assoc. Inc.
108 Portwood (11)
P. O. Box 9361
Phone: WA 8-3357
577. Fafnir Bearing Co., The
1607 Jefferson Ave. (2)
Phone: FA 3-3409
578. Falling Co., George E.
3611 Gulf Freeway
579. Firth Sterling Inc.
829 S. 75th St.
Phone: WA 1-2137
580. Fisher-Meek Co. Inc.
2301 Dallas (3)
P. O. Box 1430
Phone: CA 5-5521
581. Fix Co., George J.
2702 Polk Ave.
Phone: CA 5-6648
582. Fluid Power Controls Inc.
115-73rd St.
583. Gardner-Denver Co.
2201 Polk Ave.
P. O. Box 176
Phone: CA 7-9295
584. Garlock Packing Co., The
2409 Sabine St. (10)
Phone: FA 3-6368
585. General Controls Co.
3607 S. Sandman St. (6)
Phone: JA 3-5671
586. General Electric Co.
P. O. Box 22045
4219 Richmond Ave. (27)
Phone: MO 7-3301
587. Gisholt Machine Co.
P. O. Box 8188,
4101 San Jacinto (4)
Phone: JA 3-4724
588. Glasford, J. W.
6701 Langdon Lane (36)
Phone: GY 4-5661
589. Glidden Engrg. & Equip. Co.
3802 Winchester St. (3)
Phone: CA 4-6471
590. Graybar Electric Co. Inc.
1702 Cullen Blvd. (3)
591. Greer Engrg. Co.
4101 San Jacinto St.
Phone: JA 4-7085
592. Gribble Stamp & Stencil Co.
P. O. Box 4068 (14)
593. Griggs Co. Inc., M. K.
2801 San Jacinto (4)
Phone: CA 8-8645, 8-8646
594. Gulf Coast Instrument Co.
5516 Gulf Freeway (21)
Phone: WA 8-2421
595. Gulf Engrg. Co. Inc.
P. O. Box 14417 (21)
Phone: JA 8-0591
596. Gulf Oil Corp.
Gulf Bldg.
712 Main St. (1)
P. O. Box 2140
Phone: CA 5-3141
597. Gulf Supply Co.
P. O. Box 893
598. Hainge Co.
3323 Mercer St. (27)
Phone: JA 9-2573
599. Hale, Allyn W.
1213 Capitol Ave. (2)
Phone: OR 4483
600. Hammack, Loren
4504 Creekbend Dr. (35)
Phone: PA 3-2413
601. Harter Machinery Co., C. J.
3838 Navigation Blvd. (1)
Phone: CA 7-7221
602. Hartwell & Co.
3322 W. Lamar (19)
Phone: JA 9-8600
603. Haylett O'Neill & Son
2510 Travis St. (6)
P. O. Box 1166
Phone: JA 9-3879
604. Haynes Stellite Co.
3839 W. Alabama St. (27)
P. O. Box 22127
Phone: MO 7-5641
605. Heltmann Bering Cortes Co.
Kressat Old Clinton
P. O. Box 15273
606. Hellicold Gage Div.
630 McFarland St. (1)
607. Hewitt-Robins
5711 Navigation Blvd. (11)
Phone: WA 6-3193
608. Holders Equip. Co.
1715 Polk Ave. (3)
Phone: CA 5-5321
609. Hollis & Co.
1815 Franklin Ave. (1)
Phone: CA 4-6976
610. Holmes & Stone
2718 Wroton Rd. (5)
Phone: MO 7-8923
611. Horman, T. A.
5921 Valley Forge Rd. (27)
Phone: HO 8-3185
612. Houghton & Co., E. F.
701 N. San Jacinto (2)
Phone: FA 3-2670
613. Hudgins & Assoc. Inc., T. F.
3202 Mercer St. (27)
Phone: JA 9-4165
614. Hulse & Son Inc., August F.
8518 LaPorte Freeway (17)
P. O. Box 12403
Phone: MI 4-5589
615. Hunter-Hayes Elevator Co.
P. O. Box 6765, Wm. Rice
Bldg.
2517 S. Blvd. (5)
616. Huster Machine Tool Co.
3560 W. 12th St. (8)
P. O. Box 7072
Phone: UN 4-0018
617. Hydraquip Corp.
6645 Navigation Blvd.
(11)
Phone: WA 6-8361
618. I-T-E
2525 San Jacinto St. (2)
Phone: CA 8-2378
619. Impex Inc.
3801 Kirby Dr. (6)
Phone: JA 3-5039
620. Industrial Diamond Prod-
ucts
9441 Telephone (17)
P. O. Box 12241
Phone: MI 5-2730
621. Industrial Equip. Co. of
Houston
6831 Navigation Blvd.
(11)
P. O. Box 9155
Phone: WA 8-5431, 2, 3, 4
622. Industrial Radiography Sup-
ply Co.
5412 Schuler (24)
P. O. Box 19093
Phone: UN 9-2444
623. Industrial Sales & Engrg. Co.
1029 Campbell Rd. (24)
Phone: HO 5-3884
624. Industrial Welding Equip.
3815 Gulf Freeway (3)
Box 14344
Phone: CA 3-4051
625. Ingersoll-Rand Co.
4211 Richmond Ave. (27)
Phone: MO 7-8341
626. Inland Steel Co.
1300 Main St.
Phone: CA 5-3264
627. International Nickel Co.
1817 Tennessee Bldg. (2)
Phone: CA 4-1433

SALES OFFICES

TEXAS

HOUSTON (cont.)

- 628. Isaacson & Assoc., L.
1620 Dallas St.
Phone: CA 7-0237
- 629. JEL
1113 Texas National Bank
Bldg. (2)
- 630. Jessop Steel Co.
4010 Bluebonnet at Stella
Link (25)
Phone: MO 5-3457
- 631. Johns-Manville Sales Corp.
3115 Blodgett St. (4)
- 632. Johnson Bronze Co.
1420 Dallas Ave. (3)
Phone: CA 2-6261
- 633. Johnson-Heyck Inc.
430 West Bldg. (2)
Phone: CA 4-6054
- 634. Johnson & Son Inc., S. C.
P. O. Box 1634 (1)
Phone: CA 5-4108
- 635. Key Industrial Supplies
1621 Wheeler St. (4)
Phone: JA 6-2179
- 636. King Co. Inc., Glenn W.
2411 Times Blvd. (5)
Phone: JA 8-5517
- 637. Koch Engrg. & Sales
1607 Jefferson Ave.
Phone: FA 3-7051
- 638. Kreiter Industrial Supply
Inc.
3219 Harrisburg Blvd. (3)
Phone: CA 2-0363
- 639. Kulper, Clare
2216 Walker St. (3)
Phone: CA 2-1279
- 640. Kumlir Co., The H. H.
9151 Wickford Dr. (24)
Phone: OV 6-4825
- 641. Larsen, R. A.
P. O. Box 29057 (25)
Phone: MA 3-1914
- 642. Leeds & Northrup Co.
3939 Essex Lane (27)
Phone: MO 7-7481
- 643. Lennon, James E.
2323 Buffalo Dr.
Phone: ME 6-5943
- 644. Linde Co.
3839 W. Alabama (27)
Phone: MO 7-5641
- 645. Linehan, Richard B.
838 Judlway (18)
Phone: OX 7-8480
- 646. Logan, Jr., H. S.
2006 Werlein St. (5)
Phone: MA 3-8555
- 647. Loomis Equip. Co.
1625 Main St. (2)
Phone: CA 8-9401
- 648. Luger Co., K. E.
2716 Danville St. (5)
P. O. Box 6704
Phone: JA 8-5581
- 649. Lyttleton Packaging Machinery Co., Don
2302 Dunlavy St.
- 650. MacFarland, R. J.
1607 Jefferson Ave.
Phone: FA 2810
- 651. Machinery Sales & Engrg.
Co.
21 Nolan St.
Phone: CA 8-1711
- 652. Machine Tool Equip. Co.
P. O. Box 22253 (27)
Phone: MO 5-5685
- 653. Madden Equip. Corp.
5611 Clinton Dr. (20)
Phone: WA 8-3211
- 654. Manning, Maxwell & Moore
Inc.
3401 Mosley Rd.
Phone: HU 4-2545
- 655. Marathon Electric Mfg.
Corp.
3202 Mercer (27)
P. O. Box 22011
Phone: JA 8-5301
- 656. Materials Handling Equip.
Corp.
7131 Navigation Blvd. (11)
Phone: WE 1639
- 657. Mayfield Co., John C.
198 Ingham St. (20)
Phone: CA 7-7368

- 658. McCan Co.
6521 Canal (11)
Phone: WA 6-1411
- 659. McNeil Inc., C. W.
801 Century Bldg.
2120 Travis St. (2)
Phone: CA 8-7595
- 660. Mehl Machinery Inc.
1107 Dowling (23)
P. O. Box 18341
Phone: FA 3-1313
- 661. Metal Goods Corp.
711 Milby St. (1)
Phone: FA 3-0141
- 662. Miller Electric Mfg. Co. Inc.
5815 Clinton Dr.
Phone: WA 1-2134
- 663. Mills, Weldon W.
1903 S. Shepherd Dr. (19)
Phone: JA 2-1524
- 664. Moncrief-Lenoir Mfg. Co.
Box 406
2103 Lyons Ave.
Phone: CA 5-1441
- 665. Mobil Oil Co.
1008 Fannin St.
Phone: FA 3-6121
- 666. Moore Products Co.
801 S. 75th St. (23)
Phone: WA 1-0292
- 667. Morse Chain Co.
1417 Clay (36)
Phone: FA 3-5201
- 668. Myer, George
115 N. Drennan (23)
Box 18014
Phone: CA 5-3586
- 669. Nelson Stud Welding Div.
5915 Clinton Dr.
Phone: WA 3-5511
- 670. NuRo Co.
P. O. Box 18517, Eastwood
Sta.
Phone: CA 5-6671
- 671. Oakes Co., E. W.
6443 Jefferson Dr. (23)
P. O. Box 9102
Phone: WA 3-6479
- 672. Oakite Products Inc.
1006 Washington Ave. (1)
Phone: CA 7-2381
- 673. Oilgear Co., The
4402 Richmond Ave. (27)
Phone: MA 3-9348
- 674. Osborn Machine Co. Inc.
4506 Maxie St. (7)
Phone: LU 9-6682
- 675. Pangborn Corp.
201 Scanlan Bldg. (3)
Phone: CA 7-1063
- 676. Pan-Tech Engrg. & Supply
Co.
(27)
Phone: JA 6-4623
- 677. Peck Co., The Gordon V.
4007 Bellaire Blvd. (25)
Phone: MO 4-1435
- 678. Peden Iron & Steel Co.
700 N. San Jacinto St. (1)
P. O. Box 1891
Phone: CA 2-2121
- 679. Penny Machine Tools, Sam
H.
3003 Louisiana St. (1)
P. O. Box 1271
Phone: JA 3-3727,
3-3839
- 680. Plowden Supply Co.
6300 Navigation Blvd. (1)
P. O. Box 1448
Phone: WA 8-3311
- 681. Post Co., Frederick
5600 Harvey Wilson Dr.
Phone: WA 8-3261
- 682. Pratt & Whitney Co. Inc.
1405 S. Post Oak Rd. (27)
Phone: MO 7-3964
- 683. Precision-Southwest Co.
6318 New York St. (17)
P. O. Box 12241
Phone: MI 5-2736
- 684. Precision Tool & Supply
Corp.
2005C S. Wayside Dr. (23)
P. O. Box 8028
Phone: WA 3-8387
- 685. Preston Machine Tools Inc.
5011 Navigation Blvd. (11)
P. O. Box 18327
Phone: WA 8-3157

HOUSTON (cont.)

- 686. Process Sales Co.
4010 Blue Bonnett St. (25)
Phone: PA 3-3710
- 687. R-P&C Valve Div.
630 McFarland St. (1)
- 688. Rawson & Co. Inc.
1223 Waugh Dr. (19)
- 689. Reichhold Chemicals Inc.
P. O. Box 9608 (15)
Phone: GL 3-5431
- 690. Reliance Electric & Engrg.
Co.
3517 W. Dallas St.
Phone: JA 6-2255
- 691. Renick, Jr., Harry W.
1302 Prudential Bldg. (25)
Phone: JA 4-8294
- 692. Republic Steel Corp.
The Houston Club Bldg.
(2)
Phone: CA 2-0182
- 693. Republic Supply Co.
5606 Harvey Wilson Dr.
(1)
P. O. Box 259
Phone: WA 3-2571
- 694. Revere Copper & Brass Inc.
P. O. Box 22633
3202 Wesleyan St. (27)
Phone: MO 7-9347
- 695. Rex Supply Corp.
3718 Harrisburg Blvd. (1)
P. O. Box 156
Phone: CA 2-2251
- 696. Reynolds Metals Co.
Adams Petroleum Center
6910 Fannin (25)
Phone: JA 9-4805
- 697. Richmond, Paul
P. O. Box 22071 (27)
Phone: MO 5-6652
- 698. Ridgway Co. Inc., L. L.
517 LaBranch St.
Phone: CA 8-2311
- 699. Riley Co., J. C.
2419 South Blvd.
P. O. Box 6705
Phone: JA 4-1512
- 700. Rod Co. Inc., A. J.
5011 Navigation Blvd.
Box 9125
Phone: WA 3-4671
- 701. Rollins, J. K.
P. O. Box 6445 (6)
Phone: JA 3-0173
- 702. Ryan, H. C.
1213 Capitol Ave. (2)
Phone: CA 2-0687
- 703. Ryerson & Son Inc., Jos. T.
Box 2806
Phone: WA 8-5181
- 704. SKF Industries Inc.
4101 San Jacinto St. (4)
Phone: JA 9-2164
- 705. Saiter, R. E.
208 Sidney St.
Phone: WA 3-8720
- 706. Sandelius Co., T. D.
6122 St. Augustine St.
(21)
Phone: JA 6-4357
- 707. Schell, J. H.
1227 Chantilly Lane (18)
Phone: OV 6-6697
- 708. Schmidt Inc., George T.
4189 Bellaire Blvd., Suite
H (25)
Phone: MA 3-0061
- 709. Schroder, E. J.
6947 Linden (17)
Phone: CA 5-5341
- 710. Selas Corp. of Amer.
8312 Hempstead Rd. (7)
Phone: UN 4-7751
- 711. Selby-Horan Machine Tools
3003 Louisiana St. (6)
Phone: JA 3-3839 & 3-3727
- 712. Showacre, J. W.
6311 Belcrest (17)
- 713. Shuey Co., Robert A.
3116 Eastside
Phone: JA 9-4545
- 714. Sinclair-Brandt Equip. &
Supply Co.
6620 Dixie Dr. (21)
P. O. Box 14384
Phone: OL 4-2652
- 715. Sinclair Co., The
4609 Creekbend (35)
P. O. Box 35312
Phone: PA 3-3521
- 716. Sinclair Refining Co.
P. O. Box 2411 (1)
- 717. Sinclair Sales Co. Inc.
376 M & M Bldg. (2)
1 Main St.
Phone: CA 5-6388
- 718. SKIL Corp.
324 N. Huicheson St. (3)
Phone: CA 4-9178
- 719. Snap-on Tools Corp.
1810 LaBranch St. (2)
Phone: CA 5-5404
- 720. Snyder Co. Inc.
2206 W. 11th St., Apt. 6 (8)
Phone: UN 2-3114
- 721. South Chester Corp.
420 Esperson Bldg. (2)
Phone: FA 3-1153
- 722. Southwestern Controls
4718 Eli St. (19)
P. O. Box 13352
Phone: UN 2-8474
- 723. Southwestern Engrg. &
Equip. Co.
4101 San Jacinto
Phone: JA 8-7954
- 724. Southwestern Mfg. Co.
4716 Eli St. (7)
Phone: UN 2-8874
- 725. Southwestern Rubber &
Packing Co.
3502 Lawndale
P. O. Box 5173
Phone: WA 3-2588
- 726. Specialty Mfg. Co. Inc.
4408 Center St. (7)
Phone: UN 2-8816
- 727. Sperry Western Co.
1525A N. Post Oak Rd.
(24)
Phone: UN 9-3219
- 728. Stacey, E. L.
2148 Dryden Rd. (25)
Phone: MO 5-4433
- 729. Stanco Co., The
5646 Navigation Blvd.
P. O. Box 18281
- 730. Stainless & Strip Div.
Adams Petroleum Center
919 Fannin (25)
Phone: JA 4-9057
- 731. Standard Brass & Mfg. Co.
2018 Franklin St.
P. O. Box 2542
Phone: CA 5-6831
- 732. Steel & Machine Tool Sales
Co.
6416-39 Navigation Blvd.
(1)
P. O. Box 1716
Phone: WA 1-7113
- 733. Sterling Electric Motors Inc.
2308 Bingle Rd. (34)
Phone: HO 8-4239
- 734. Sterling Packing & Gasket
Co.
Nance at Hardy (1)
Phone: CA 8-4404
- 735. Stewart Engrg. & Equip. Co.
8762 S. David St. (25)
Phone: JA 6-2903
- 736. Stewart & Stevenson
P. O. Box 1637
1718 Congress Ave. (1)
Phone: CA 5-5341
- 737. Stewart & Stevenson Dis-
tributor Co.
1719 Preston Ave.
P. O. Box 1637
Phone: CA 5-5341
- 738. Stockdale Assoc. Inc., Robert
B.
3115 Buffalo Dr. (19)
- 739. Stone Supply Co.
2810 Leeland (3)
Phone: CA 4-9195
- 740. Sun Oil Co.
533 Meille Esperson Bldg.
Phone: CA 7-3317
- 741. Syntrol Houston Sales Co.
1903 S. Shepherd Dr.
(19)
Phone: JA 3-2377
- 742. Texaco Inc.
720 San Jacinto St. (2)
Phone: FA 3-2141
- 743. Tex. Belting & Mill Supply
Co.
6600 Harrisburg Blvd. (1)

SALES OFFICES

HOUSTON (cont.)

- 744. Tex. Marine & Industrial Supply Co.
8106 Harrison Blvd. (12)
Phone: WA 3-9771
- 745. Tex. Solvents & Chemicals Co.
8501 Market St. (29)
Phone: OR 2-6683
- 746. Thompson Co., The H. L.
1002 Esperson Bldg. (2)
- 747. Thor Power Tool Co.
5503 Lawndale Ave. (23)
Phone: WA 8-3229
- 748. Timken Roller Bearing Co., The
2472 Bolsover Rd. -Room 247 (5)
Phone: JA 8-5418
- 749. Toner, Ed K.
5602 Doulton St. (21)
Phone: RE 4-6953
- 750. Tools Inc.
4109 Fulton St. (22)
P. O. Box 18063
Phone: OX 4-2353
- 751. Tracerlab Inc.
2419 South Blvd. (6)
Phone: JA 2-9410
- 752. Tri-Tex Machine & Tool Co.
831 S. 75th St. (23)
Phone: WA 6-9643
- 753. U. S. Gauge Div.
1607 Jefferson Ave. (2)
Phone: CA 4-1238
- 754. Van Horn Co. Inc., Oliver H. Franklin & Austin Sts. (1)
P. O. Box 2605
Phone: CA 4-6551
- 755. Van Tassel & Son
2909 Southmore Blvd. (1)
P. O. Box 732
Phone: JA 4-3983
- 756. Van Wart, Charles
6433 Mercer St. (5)
- 757. Varner & Assoc., H. A.
1601 Cranway Dr. (34)
Phone: HO 6-3388
- 758. Vascology-Ramet Corp.
6521 Canal (11)
Phone: WA 6-1411
- 759. Vickers Inc.
5717 Kirby Dr. (5)
P. O. Box 6742
Phone: JA 2-9623
- 760. Vogel, Robert F.
4507 Silverwood (35)
Phone: JA 8-0601
- 761. Wall Colmonoy Corp.
P. O. Box 688
5831 Armour Dr. (1)
Phone: WA 8-5467
- 762. Wallace Co. Inc.
6945 Clinton Dr. (1)
P. O. Box 2597
Phone: WA 3-2831
- 763. Ward Co., L. R.
3605 Polk Ave. (8)
Phone: CA 5-0356
- 764. Warner & Swasey Co., The
4139 Dennis St. (4)
Phone: CA 8-5580, 8-7707
- 765. Wendler Co., The
357 M & M Bldg. (2)
Phone: CA 4-2260
- 766. Wessendorff, Nelms & Co.
5535 Harvey Wilson Dr. (20)
P. O. Box 15255
Phone: WA 8-5151
- 767. Western Gear Corp. of Tex.
117 N. Palmer St. (3)
Phone: CA 8-4466
- 768. Westinghouse Air Brake Co.
5206 Lido Lane (18)
Phone: OV 2-3458
- 769. White & Co.
1203 Prudential Bldg. (25)
Phone: JA 3-5581
- 770. Whiting Corp.
2480 Times Blvd. (5)
Phone: JA 9-3559
- 771. Wiedemann, Jerry
1118 Cold Stream Rd. (24)
- 772. Wilson Co., C. G.
P. O. Box 6235
204 Marshall (6)
Phone: JA 9-5562

- 773. Wilson Co. Inc., R. L.
6707 Texarkana (20)
Phone: OR 2-7436
- 774. Wilson Supply Co.
P. O. Box Drawer 19 (1)
- 775. Womack Machine Supply Co.
4111 Dennis
Phone: CA 7-3388
- 776. Wright Holst Div.
630 McFarland St.
P. O. Box 1419
Phone: WA 3-2661-66
- 777. Wright Industrial Products Co.
1803 Calumet
P. O. Box 8121
Phone: JA 3-5651
- 778. Young Co., Frank R.
P. O. Box 18127 (11)
Phone: WA 3-6697

IRVING

- 779. Kerco Inc.
1618 W. 6th St.
Phone: FL 1-5900

LA FERIA

- 780. Kennedy Industrial Tools & Supplies Inc., Ed R.
13 Orange Grove Rd.
Phone: 3131

LAREDO

- 781. Guerra Hardware & Supply Co.
1301 Lincoln St.
P. O. Box 1008

LONGVIEW

- 782. Cottingham Bearing Co.
1202 Gladewater Rd.
P. O. Box 325
Phone: PL 8-8218
- 783. Crane Packing Co.
222 Cambridge St.
Phone: PL 3-1292
- 784. Eastex Welding Supply Co.
1232 Gladewater Rd.
Phone: PL 3-3336
- 785. Herritage Tool & Supply Co.
1204 Gladewater Rd.
Phone: PL 3-3336
- 786. Industrial Power & Supply Co.
1220 Gladewater Rd.
P. O. Box 1548
- 787. Machinery Supply & Grinding Co.
812 E. Meithvin St.
P. O. Box 2175
Phone: PL 3-3171
- 788. Tool Supply & Engrg. Co.
P. O. Box 655
Phone: PL 9-4132

LUBBOCK

- 789. Amarillo Supply Co.
95 Taylor St.
- 790. Anderson-Young Electric
2005 Clovis Rd.
Box 1505
Phone: 5-8581
- 791. Associated Supply Co.
2402 Ave. "H"
Phone: PO 3-5031
- 792. Austin Co., Mac
Texas Ave. at 17th St.
P. O. Box 1677
Phone: PO 5-8508
- 793. Bearing Specialists Co. Inc.
1804 Ave. "C"
Phone: PO 2-8761
- 794. Bigham Gln Supply Co.
502 Ave. "L"
P. O. Box 1438
Phone: PO 2-1553
- 795. Consolidated Bearing & Supply Co.
2914 Ave. "A"
Phone: SH 4-4519
- 796. Eggelhof Engineers Inc.
18th & Ave. "K"
Whiteside Bldg.
Phone: PO 2-4330
- 797. Galbraith Steel & Supply Co.
5116 W. 41st St.
- 798. General Controls Co.
Phone: SW 9-7477
- 799. General Electric Co.
P. O. Box 1464
3302 Ave. "A"
Phone: SH 4-4563

- 800. Houston Co.
3714 43rd St.
Phone: SW 9-4251
- 801. Hunter-Hayes Elevator Co.
P. O. Box 826
4301-47th St.
- 802. Lubbock Equip. & Supply Co.
4005 Ave. "A"
Phone: PO 3-7306
- 803. Lubbock Hardware & Supply Co. Inc.
607 Main St.
Phone: PO 3-4338
- 804. Midcap Bearing Co.
1513 Ave. "H"
Phone: PO 3-4389
- 805. Moke, W. R.
3606 42nd
Phone: SW 9-0930
- 806. Moncrief-Lenoir Mfg. Co.
2002 Ave. "A"
P. O. Box 258
- 807. Reynolds Metals Co.
122 Whiteside Bldg.
18th & "K" Ave.
Phone: PO 3-6688
- 808. Tex. Industrial Machinery Co.
2117-4th
P. O. Box 323
Phone: PO 3-2831
- 809. Thompson-Hayward Chemical Co.
P. O. Box 323
Phone: PO 3-2831
- 810. Welders Supply of Lubbock Inc.
2607 Ave. "H"
- 811. Western Materials Handling Inc.
1610 4th St.
P. O. Box 5576
Phone: PO 3-5386

LUFKIN

- 812. Lufkin Foundry & Machine Co.
P. O. Box 58
Phone: 36
- 813. Lufkin Supply Co.
P. O. Box 1301
417-19 Lufkin Ave.
Phone: NE 4-6636-38

MARSHALL

- 814. Hayes Machinery Co., E. B.
205-212 E. Austin St.
P. O. Box 1068
Phone: WE 5-6861

MIDLAND

- 815. Carpenter Bearing Co.
2420 WN. Front St.
Phone: MU 3-4241
- 816. Crane Packing Co.
707 Austin
Phone: OX 4-2687
- 817. Cutler-Hammer Inc.
4017 Roosevelt Blvd.
Phone: OX 4-5031
- 818. Hunter-Hayes Elevator Co.
305 S. Bentwood

NEW BRAUNFELS

- 819. Albright, E. J.
P. O. Box 50
Phone: MA 5-2704

ODESSA

- 820. Carpenter Bearing Co.
1308 W. 2nd St.
Phone: FE 7-8635
- 821. Chain Belt Co.
400 W. 4th
Petroleum Bldg.
Phone: FE 7-8461
- 822. Electric Service & Supply Co.
1601 N. Grant St.
P. O. Box 1471
Phone: FE 7-7326
- 823. El Paso Welding Supply Co.
2001 W. Murphy St.
P. O. Box 1272
- 824. Engine Service & Supply Co.
1902 N. Grant
Phone: FE 7-2386
- 825. Lietz Equip. Co.
421 S. Grandview Rd.
Phone: FE 7-3581

TEXAS

- 826. Oakite Products Inc.
P. O. Box 1066
421 S. Grandview Rd.
Phone: FE 2-7386
- 827. Odex Engrg. & Equip. Co.
1410 N. Grant
P. O. Box 1586
Phone: 7-3568
- 828. Snyder Co. Inc.
709 W. County Rd.
Phone: FE 2-9406
- 829. Thomson Co. of Odessa Inc., George S.
W. 23rd & Industrial Blvd.
P. O. Box 290
- 830. Turner Chain & Belt Co.
409 W. Murphy St.
Phone: FE 7-4343

ORANGE

- 831. Sabine Supply Co.
412 W. Front St.
P. O. Drawer 61
Phone: TU 3-5621

PAMPA

- 832. Four R Industrial Supply Inc.

PARIS

- 833. Grand Oxygen Co.
312 Grand Ave.
- 834. Swaim Co., Robert L.
Phone: SU 4-3321

PECOS

- 835. Galbraith Steel & Supply Co.
P. O. Box 109

PLAINVIEW

- 836. Plains Welding Supply
401 E. 6th St.

PORT ARTHUR

- 837. Behring's Bearing Service
1749 Seventh St.
Phone: YU 5-9333
- 838. Duckworth Supply Co. Inc.
6262 Orange Hwy.
P. O. Box 208
Phone: WO 2-4451

RICHARDSON

- 839. Allen, Jr., Francis E.
711 Downing Dr. (5)
Richardson Heights
Phone: AD 5-5576
- 840. Dennis, Donald
613 Downing Dr.
Phone: AD 5-7785
- 841. Hoar, James
800 Ridgedale Dr.
Phone: AD 4-4454
- 842. Stewart Engrg. & Equip. Co.
P. O. Box 366
1280 N. Greenville Ave.
Phone: AD 5-5281

SAN ANGELO

- 843. Galbraith Steel & Supply Co.
P. O. Box 591

SAN ANTONIO

- 844. Ace Supply Co.
1111 Austin St. (8)
Phone: CA 3-4268
- 845. Acetylene Welding Supply
301 S. Presa (3)
Phone: CA 4-5583
- 846. Alamo Iron Works
Montana & Hoefgen St. (6)
P. O. Box 231
Phone: CA 3-6161
- 847. Alamo Welding Supply Co.
541 S. St. Mary's St.
Phone: CA 6-0177
- 848. Alemite Co. of San Antonio
321-325 S. Flores St. (6)
P. O. Box 9166
- 849. Allen-Bradley Co.
637 Patterson Ave. (9)
Phone: TA 6-1545

SALES OFFICES

TEXAS

SAN ANTONIO (cont.)

850. Allis-Chalmers
902 First National Bank
Bldg. (5)
Phone: CA 7-7022
851. Bellows-Valvair
833 Bandera Rd. (1)
Phone: GE 4-3131
852. Brannen's Inc.
P. O. Box 8025
1910 San Pedro
Laurel Heights Sta.
Phone: PE 6-1625
853. Capitol Bearings Service
Inc.
821 N. Alamo St.
Phone: CA 6-7251
854. Carrier Corp.
Room 213, SW. Security
Life Bldg. (5)
4600 Broadway (5)
Phone: TA 6-6613
855. Eggelhof Engineers Inc.
1502 N. Main Ave. (1)
Phone: CA 6-3506
856. Kates Conveyor Co., Joe M.
1601 S. Flores St.
Phone: CA 3-2211
857. Gates Saw & Tool Works
640 S. Pressa St.
Phone: K-5913
858. Gathings, Joe
546 W. Wildwood St.
859. General Electric Co.
434 S. Main Ave. (5)
Phone: CA 6-8349
860. Greider Industrial Products
717 S. Alamo St. (5)
Phone: CA 7-3661
861. Hunter-Hayes Elevator Co.
508 Gunter Bldg. (5)
862. McLernon & Scott Assoc.
209 Hubbard Ave. (9)
Phone: TA 2-3653
863. Metal Goss Corp.
305 Kallison Bldg.
Phone: CA 7-3161
864. Midcap Bearing Service Co.
603 N. Main Ave. (5)
Phone: CA 7-1301
865. Mintel Electric
218 Fredricksburg Rd.
866. Moncreiff-Lenoir Mfg. Co.
701 San Fernando (7)
867. NuRo Co.
P. O. Drawer 8187-Laurel
Heights Sta.
Phone: CA 3-3181
868. Oakite Products Inc.
923-931 S. Flores St. (5)
Phone: CA 6-8221
869. Reynolds Metals Co.
1310 S. Brazos St.
Phone: CA 6-6996
870. San Antonio Machine &
Supply Co.
325 N. Center St. (6)
Phone: CA 5-1651
871. Sinclair Refining Co.
P. O. Box 4187, Sta. A (7)
872. Southwest Lift Trucks Inc.
1037 Morales St.
Phone: CA 7-8131
873. Swing Machinery & Equip.
Co.
110 Pendleton Ave. (4)
Phone: CA 7-2853
874. Tex. Industrial Products
717 S. Alamo St. (5)
Phone: CA 7-3661
875. Tex. Mill Supply Co.
1047 John Page Dr. (1)
Phone: GE 3-4661
876. Thompson-Hayward Chem-
ical Co.
P. O. Box 126, Grayson
St. Sta.
22 Sequin St. (8)
Phone: CA 6-7377
877. Towery Industrial Equip.
P. O. Box 5225 (1)
Phone: CA 3-6216
878. U. S. Gypsum Co.
Room 305, 3d.
900 NE. Military Dr.
Phone: TA 4-4534

879. Wessendorf, Helms & Co.
Inc.
326 Baswood Dr.
Phone: DI 2-2630

SHERMAN

880. Hardwick-Etter Co.
P. O. Box 607
Phone: TW 2-9143

TEMPLE

881. Temple Welding Supply &
Steel Service
117 S. 1st St.
P. O. Box 363
Phone: PR 8-3181

TEXARKANA

882. Texarkana Bearings Supply
Inc.
1206 Lake Dr.
883. Tex. Foundry & Supply Co.
P. O. Box 300
1316 Phenix Ave.
Phone: 3-6282

TYLER

884. Bearing Chain & Supply Co.
1219 W. Bow St.
885. Cottingham Bearings &
Service
P. O. Box 342
886. East Tex. Oxygen Co.
Gladeswater Hwy.
887. Hunter-Hayes Elevator Co.
P. O. Box 864
2026 Laurel Pl.
888. Mason Machinery Co.
1511 W. Erwin St.
Phone: 2-0911
889. Oakite Products Inc.
825 Barbara
Phone: LY 2-0486
890. Tyler Brokerage Co. Ltd.
P. O. Box 2037
Swan Warehouse
Phone: LY 3-8221
891. Tyler Machinery & Supply
Co. Inc.
511 E. Front St.
P. O. Drawer 1309
Phone: 4-6384

WACO

892. Central Tex. Iron Works
21st & Webster Sts.
P. O. Box 949
Phone: 6-2121
893. Diversey Corp., The
P. O. Box 286
Phone: FL 3-6281
894. DuPuy Oxygen & Supply
Co.
1429 Webster
895. Mosely Supply Co.
401 S. 8th St.
896. Oakite Products Inc.
2206 Charboneau
Phone: FL 6-2456
897. San Antonio Machine &
Supply Co.
206 S. 1st St.
P. O. Drawer 148
Phone: FL 3-7361
898. Tool Supply & Engrg. Co.
Phone: EN 2860
899. Welders Supply Co.
515 S. 11th St.
Phone: FL 3-6443

WICHITA FALLS

900. Bailey-Melissner Co.
1201 Ohio Ave.
P. O. Drawer 2449
Phone: 723-1496
901. Hornsby Heavy Hardware
Inc.
P. O. Box 697
615 Ohio St.
Phone: 323-5697
902. McGinnis Welding Supply
Co.
400 Galveston St.
903. Nortex Engine & Equip.
P. O. Box 353
904. Wichita Supply Co.
1105 Scott Ave.
P. O. Box 959
Phone: 723-4121

WIMBERLY

905. Middleton, I. B.
P. O. Box 208
Phone: 3761

UTAH

HELPER

1. Carbon Transfer & Supply
Co.
8 W. Ivy St.
P. O. Box 180
Phone: 173

KEARNS

2. Bowen, Co. Inc., R. G.
5175 S. 4660 W. (18)
Phone: CY 8-5533

OGDEN

3. Aviation Industrial Supply
Co.
2881 S. 1100 W.
P. O. Box 310
Phone: EX 3-5301
4. Goddard Co., Geo. W.
2424 Wall Ave.
Phone: EX 2-7546
5. Horsley Co., The
2416 Grant Ave.
P. O. Box 301
Phone: EX 8477-8

OREM

6. Miller Ski Co.

PROVO

7. Olds Assoc., R. E.

SALT LAKE CITY

8. Alemite Stewart-Warner Co.
Inc., The
1005 S. 4th W. (1)
9. Allied Northwest Machine
Tool Corp.
Benson Bldg., Room 212
138 S. 2nd E.
Phone: EL 5-3082
10. Allis-Chalmers
136 S. Main St. (1)
Phone: EM 3-1723
11. Alta Engrg. Co.
770 S. 2nd W. (1)
Phone: EL 5-9093
12. Anderson Co., Ralph C.
1430 Cheyenne St. (4)
Phone: IN 6-4507
13. Archer Tractor & Machinery
Co.
245 W. South Temple (1)
Phone: DA 8-9794
14. Arnold Machinery Co. Inc.
433 W. 2nd S. (1)
P. O. Box 2220
15. Bearing Engrg. & Sales Co.
756 S. 2nd St. W.
P. O. Box 1885
Phone: EM 4-1877
16. Bearing Service & Supply
Co.
1207 S. Main St. (10)
Phone: DA 2-1621
17. Bellows-Valvair
539 S. Third, W. (1)
Phone: EM 4-8417
18. Bennett Glass & Paint
65 W. 1st South St.
19. Bethlehem Steel Co.
Executive Bldg.
455 E. 4th S. (11)
Phone: EL 9-1873
20. Bolt & Nut Supply Co.
1333 S. Main St.
21. Braun-Knecht-Helmann Co.
650 W. 8th St., S. (4)
P. O. Box 863
22. Brown Co., J. Mel
2046 S. 11th East St. (6)
Phone: HU 5-3523
23. Burke Co., James J.
422 W. 9th S. (4)
Phone: EM 3-1001
24. Butcher Co., L. H.
407 W. 17th South St. (4)
Phone: 84-5221
25. C. & C. Welding Supply Co.
345 W. 7th S. (10)
26. Capitol City Steel Co. Inc.
324 W. 8th S.
Phone: DA 2-3533
27. Carrier Corp.
Valley Professional Bldg.
(15)
2550 S. State
Phone: HU 4-9231
28. Century Electric Co.
P. O. Box 2338
1482 Major St. (14)
Phone: IN 7-5489
29. Chain Belt Co.
10 Exchange Pl.
501 Newhouse Bldg.
Phone: EL 9-6679
30. Chicago Pneumatic Tool Co.
156 W. 4th S. (1)
Phone: EL 5-2885
31. Commercial Shearing &
Stamping Co.
P. O. Box 2036 (10)
Phone: HU 4-4491
32. Continental Oil Co.
737 W. 2nd S. (10)
Boxes 2250 & 2250
Phone: EM 3-5851
33. Control Equip. Co.
223 W. 14th S. (15)
Phone: HU 7-7741
34. Crucible Steel Co.
733 W. 8th St., S.
Phone: EM 4-4383
35. Cutler-Hammer Inc.
253 Rio Grande St. (1)
Phone: DA 4-0233
36. Douglas Scale & Equip. Co.
3955 S. State St. (7)
Phone: AM 6-8281
37. Electrical Sales Co.
1719 S. Main St.
P. O. Box 49, Sugarhouse
Station
Phone: HU 5-0631
38. Elevator Service & Supply
Co.
36 E. 9th S. St. (11)
39. Equip. Supply Co.
16 Post Office Pl. (1)
Phone: EM 3-9074
40. Flinco Inc.
133 N. 1st W. (1)
Phone: EM 4-1833
41. Francis & Assoc., Russell H.
253 W. 2nd South St. (1)
Phone: EL 5-2938
42. Galigner Co., The
545 W. 8th South St. (10)
P. O. Box 209
Phone: EL 9-8731
43. Gardner-Denver Co.
113 W. 2nd South St.
Phone: DA 8-0638
44. General Controls Co.
19 E. 2nd St., S.
Phone: EL 5-7811
45. General Electric Co.
P. O. Box 779
200 S. Main St. (10)
Phone: EM 4-1891
46. Grisley Machine Tool Co., J.
M.
334 W. 17th S.
Phone: HU 5-0293
47. Hewitt-Robins
458 S. 3rd St., E. (11)
Phone: DA 2-1144
48. Industrial Supply Co. Inc.
121-125 Social Hall Ave.
(10)
P. O. Box 600
Phone: EM 3-6727
49. Ingernoll-Rand Co.
144 SW. Temple St. (1)
Phone: DA 8-8127
50. Ives Co., Richard
138 S. 2nd E. (11)
Phone: EM 3-3992
51. Jones Co., J. Henry
P. O. Box 1795
120 Apricot Ave. (16)
Phone: EL 5-4191
52. Landes, Zachary & Peter-
son Co.
2501 S. State
Phone: HU 7-7873
53. Lang Co., The
367 W. 1st S. (10)
P. O. Box 479
Phone: DA 8-8341

SALES OFFICES

54. Leeds & Northrup Co.
455 E. 4th S. (11)
Phone: DA 8-8861
55. Linde Co.
999 S. Redwood Rd.
2000 Texas St. (8)
Phone: HU 5-0647
57. Love Co. Inc., The
47 E. 7th St., S.
58. Machinery Center Inc.
1201 S. 6th W.
Phone: HU 4-7601
59. Machinery Sales Co.
P. O. Box 315 (10)
Phone: EM 4-8471
60. Mason Machine Tool Co.
415 S. 2nd E.
61. Metals Supply Co. Inc.
131 Social Hall Ave. (10)
Phone: EM 3-6727
62. Mine & Smelter Supply Co.,
The
121 W. 2nd St., S. (1)
Phone: EM 3-2791
63. Mountain States Rubber Co.
Inc.
131 Social Hall Ave. (10)
Phone: EM 3-6727
64. N.A.P.A. Salt Lake City
Warehouse
28 SW. Temple St.
Nabum Co., Sherman C.
4777 S. 1300 E. (17)
Phone: CR 7-9459
66. National Equip. Co.
101 W. 2nd St.
Phone: EM 3-8878
67. Oakite Products Inc.
45 S. 3rd West St. (1)
Phone: EL 5-7413
68. Pace-Turpin & Co.
726 S. 3rd W. (1)
Phone: DA 2-5595
69. Pacific Metals Co. Ltd.
261 W. 5th S.
Phone: DA 2-3461
70. Pipe Machinery Co.
770 S. 2nd W.
Phone: EL 5-9633
71. Plastics Products Co.
837 E. 9th S.
72. Production Tools Inc.
559 S. 3rd W.
Phone: EM 4-8417
73. Rains Co., The
756 S. 1st W. (1)
Phone: EM 4-2683
74. Rees Co., R. B.
2906 Delas Dr.
Phone: CR 7-3529
75. Research Engrg. Inc.
130 S. 13th E., Suite 207
Phone: EM 3-5651
76. Reynolds Metals Co.
Dixon Bldg., Room 207
2188 Highland Dr. (6)
Phone: HU 7-7749
77. Riter Engrg. Co.
1369 Major St. (10)
P. O. Box 2187
Phone: IN 7-9449
78. Roestenburg, Jr., Carl
3047 S. 2300 E. (9)
79. Rowley-Bouvette Co.
955 Folsom Ave. (4)
Phone: DA 2-2041
80. Rueger Co.
58 S. Main St. Room 221
81. Sales Engrg. Co., Inc.
203 W. Grass Ave. (15)
P. O. Box 11
Phone: HU 5-3721
82. Salt Lake Hardware Co.
105 N. 3rd St. W. (10)
P. O. Box 510
Phone: DA 8-8211
83. Salt Lake Stamp Co.
43 W. 3rd S.
84. Sanford Co.
P. O. Box 122 (8)
85. Silver Co., Clarence W.
550 W. 7th S.
Phone: EL 5-5378
86. Sinclair Refining Co.
Box 248-South
Salt Lake Branch (15)

SALT LAKE CITY (cont.)

87. Siusser, L. M.
318 Dooly Bldg. (1)
Phone: EL 5-2322
88. Smith Machinery Co. Inc.
1116 Richards St. (1)
P. O. Box 2457
Phone: DA 8-9778
89. Snap-on Tools Corp.
1721 S. Main St. (15)
Phone: HU 4-5854
90. Specialty Sales Co.
117 W. 2nd St., S.
Phone: DA 2-5553
91. Spencer & Co., C. H.
210 W. 33rd S.
P. O. #1054
Phone: IN 6-8683
92. Spencer Co. Inc., Paul R.
2520 S. State St.
Phone: IN 6-3406
93. Standard Oil Co. of Calif.
P. O. Box 719
164 SW. Temple
Phone: DA 2-1511
94. Star Stainless Screw Co.
1968 Herbert Ave. (8)
95. Sterling Electric Motors
Inc.
1481 S. Main St. (15)
Phone: HU 4-1133
96. Stevens Sales Co.
1482 Major St. (10)
Phone: IN 7-5489
97. Stone Co., Carlos W.
2003 Parley's Canyon Blvd
(9)
Phone: HU 4-8495
98. Structural Steel & Forge
Co.
545 W. 7th South St. (10)
P. O. Box 300
Phone: EL 5-6201
99. Studer, W. P.
3286 Del Verde Ave. (9)
100. Sweet & Co., T. E.
26 W. Broadway
Room 6 - Chesapeake
Bldg.
Phone: EM 4-6331
101. Syntrol Salt Lake City Sales
Co.
713 Kensington Ave. (5)
P. O. Box 2392
Phone: HU 5-1231
102. Taylor & Sons, Robert
1077 S. Main St. (10)
P. O. Box 1223
Phone: DA 2-5525
103. Tempeco Sales Corp.
1197 S. State St.
104. Todd Machinery Co.
140 W. 2nd S.
Phone: DA 2-4663
105. U. S. Gypsum Co.
175 W. S. Temple St.
Phone: EM 4-5646
106. Utah Bearing Co.
1608 S. 2nd W.
P. O. Box 2347
107. Waterworks Equip. Co.
502 W. 3rd S. (10)
P. O. Box 238
Phone: DA 8-8551
108. West Chemical Products Inc.
990 S. 6th St. W. (4)
109. Whitmore Oxygen Co.
430 E. S. Temple St. (11)
P. O. Box 2099
Phone: EM 3-4421
110. Williams Equip. & Control
Co.
204 Dooly Bldg. (1)
Phone: EM 4-6421

SANDY

111. Lagerstrom, Keith
1225 E. 8750 S.

VERMONT

BARRE

1. Reynolds & Son Inc.
Phone: GR 6-4183
2. Smith, Whitcomb & Cook
Co.
442 N. Main St.
Phone: GR 6-4161

BURLINGTON

3. Grady's Welding Supply Inc.
237 1/2 Main St.
4. National Electric Supply Co.
35 S. Champlain St.
Phone: UN 3-3550
5. Strong Hardware Co.
205-207 Main St.
6. Vt. Hardware Co.

DORSET

7. Oakite Products Inc.
Box 87A
Phone: 81

MANCHESTER

8. Lee, Robert
Box 554
Phone: MA 0293

MONTPELIER

9. Bowers Supply Co., R. C.
P. O. Box 375
Phone: CA 3-2021

NORWICH

10. Wilson, John T.
Christian St.
Phone: 1086

PROCTOR

11. Vermarco Supply Co.
Div. of Vt. Marble Co.

PROCTORSVILLE

12. Browne, J. W.
P. O. Box 55
Phone: CA 8-3141

RUTLAND

13. General Electric Co.
38 1/2 Center St.
14. Vt. Machinery & Supply Co.
196 State St.
Phone: PR 5-5163

ST. JOHNSBURY

15. Reed Supply Inc.
Phone: PI 8-3541

SPRINGFIELD

16. Crafts Co. Inc., Arthur A.
1 Main St.
Phone: TU 5-4491
17. Fellows Gear Shaper Co.
78 River St.
18. Laffin Supply Corp.
Box 359
Phone: TU 5-4521
19. Filmmation Tool Co.
143 Union St.
Box 429
Phone: TU 5-3564

WATERBURY

20. Cooley-Wright Mfg. Co.
Foundry St.

WINDSOR

21. Ginter, C. A.
Box 402
Phone: 562-M
22. Cummings, Herbert L.
8 Lowell St.

VIRGINIA

ALEXANDRIA

1. Oakite Products Inc.
1511 Overly Dr.
Winslow Hills
Phone: SO 8-4408
2. Potomac Electronics Inc.
1025 N. Royal St.
Phone: TE 6-8666
3. Potomac Oxygen Co. Inc.
2200 Jefferson Davis Hwy.
4. Potomac Steel & Supply Inc.
2416 Oakville St.
5. Specialties Inc.
1406 Leslie Ave.
Box 2062
Phone: KI 8-4935

VIRGINIA

ANNANDALE

6. Ronan, Frank
7600 Mayfield Ct.
Phone: CL 6-6940

ARLINGTON

7. Czerwonky, Hugo E.
4848 Little Falls Rd. (7)
Phone: KE 8-7035
8. Mathews, John F.
3377 S. Stafford St. (6)
Phone: EM 3-3738
9. Oakite Products Inc.
5713 N. 9th Rd. (5)
Phone: JA 4-3280
10. Orban Co. Inc., Kurt
955 N. Monroe St.
11. Reliance Electric & Engrg.
Co.
1409 N. Fillmore St.
Phone: JA 5-5744
12. Southeastern Railway Supply
Inc.
2304 Wilson Blvd. (1)
Phone: JA 2-1244

BASSETT

13. Blue Ridge Hardware &
Supply Co. Inc.
Box 547
Phone: PL 4-5497

BLACKSBURG

14. Southeastern Sales Co.
P. O. Box 461
Phone: PR 2-8603

BRISTOL

15. Mitchell-Powers Hardware
Co.
24-26 Moore St.
Phone: NO 9-5136

BROAD RUN

16. Albert, William
Phone: PL 4-3423

CHARLOTTESVILLE

17. Haight Engrg. Co.
McCue Bldg., P. O. Box
260
215 5th St., NW.
Phone: 2-8914
18. Specialties Inc.
P. O. Box 888
Phone: 3-3151

DUBLIN

19. Industrial Sales Inc.
P. O. Box 532

FAIRFAX

20. Hildenbrand Co., The
732 Morningside Dr.
P. O. Box 1060
Phone: CR 3-2334

FALLS CHURCH

21. Bowen & Co., John T.
209 Great Falls St.
22. Graham, David
6612 N. 33rd St.
Phone: JE 4-4118
23. Thorpe-Smith Inc.
368 S. Washington St.
Phone: JE 4-4779

FRONT ROYAL

24. McGraw Inc., James
3rd & Commerce Sts.
P. O. Box 161
Phone: 1287

HARRISONBURG

25. Olmert, Mrs. M. V.
P. O. Box 149
Phone: TI 2-1196

HOLLIS

26. Home Supply Co.
R. R. #1, Box 51B
Lee Hwy.

LYNCHBURG

27. Barker-Jennings Corp.

SALES OFFICES

VIRGINIA

LYNCHBURG (cont.)

28. Dev-A-Mfg. Inc.
5604 Edgewood Ave.
Ferebee Co., J. C.
1620 Wythe Rd.
P. O. Box 1138
Phone: 3-0111
30. Ferebee-Johnson Co. Inc.
Concord Rd., Lower Basin
Phone: VI 7-6651
31. Handy Co., N. B.
Drawer 737
Phone: 4-2495
32. Jones Welding Supplies
1103-12th St.
McIlhany Equip. Co.
R. F. D. #1
34. Richardson & Son, S. T.
P. O. Box 712
Phone: 2-8757

MARTINSVILLE

35. Chapman, George M.
P. O. Box 2122
Phone: ME 2-2497
36. Hall, E. C.
P. O. Box 110
Phone: ME 2-2863

McLEAN

37. Gonda, Jr., John
5407 Barbee St.

MUNDEN

38. Capps, Wm. T.
P. O. Box 43
Phone: VA 2924

NEWPORT NEWS

39. Noland Co. Inc.
2700 Virginia Ave.
Phone: CH 4-8441

NORFOLK

40. Corr, William
816 Gates Ave.
Phone: MA 3-6960
41. Curtis Marine Co.
614 Front St. (10)
42. Dixie Bearings Inc.
137 E. Olney Rd.
Box 688
Phone: MA 5-0506
43. Empire Machinery & Supply Corp.
409 E. Water St. (1)
Box 27
Phone: MA 2-3683
44. Hampton Roads Welder Supply Co. Inc.
21st & Woodrow Ave. (10)
45. Hudgins & Son Inc., R. W.
1 - 3 Commerce St. (10)
Phone: MA 2-1801
46. Industrial Trucks Inc.
540 S. Military Hwy. (2)
Phone: KI 5-5607
47. Jordan, Hubert C.
512 Botetourt St. (10)
48. King Saw & Equip. Co.
22nd St. at Colley Ave.
49. Mill Supplies Corp.
62 Commercial Pl.
P. O. Box 5145
Phone: MA 2-7008
50. Nash & Son, C. A.
730 Granby St.
Phone: MA 2-5651
51. Noland Co. Inc.
24th & Church Sts. (1)
Phone: MA 2-6541
52. Norfolk Welders Supply Inc.
2515 Colley Ave.
53. Parker, James H.
5433 Rolfe Ave. (8)
Phone: MA 7-9664
54. Pelts Brothers
200 W. Water St.
55. Refrigeration Suppliers Inc.
400 W. 24th St.
Phone: MA 2-7192
56. Reliance Equip. & Supply Co.
107 E. 31st St.
Phone: MA 7-0525
57. Simpson & Son, G. Gray
700 Front St.
Phone: NO 5-1611

58. Sun Oil Co.
150 S. Main St.
Phone: KI 5-2421
59. Taylor-Parker Co. Inc.
Water St. & Commercial Pl.
Phone: MA 5-1631
60. Texaco Inc.
3300 E. Princess Anne Rd.
(2)
Phone: UL 3-7851
61. Thurston & Sons, C. E.
Box 2411 (1)
62. Tidewater Supply Co. Inc.
501-535 W. 24th St. (1)
P. O. Box 539
Phone: MA 2-7311
63. Walke Co., The Henry
912-914 W. 21st St. (1)
P. O. Box 1041
Phone: MA 5-3271

PORTSMOUTH

64. Grimsley & Grimsley
523 High St.
Phone: EX 3-7531
65. North Amer. Products Corp.
523 High St.
Phone: EX 3-7531

RADFORD

66. Industrial Sales Inc.
P. O. Box 532
Phone: 2100

RICHMOND

67. Allis-Chalmers
700 E. Franklin St. (19)
Phone: MI 3-6646
68. Allis Co., The Louis
2100 Brems Rd. (26)
Phone: AT 2-3275
69. Aluminum Co. of Amer.
712 Southern States Bldg.
(19)
Phone: MI 3-8283
70. Amer. Optical Co.
221 Broad-Grace Arcade Bldg.
Phone: MI 3-2721
71. Apex Machine Mfg. Co. Inc.
216 S. 5th St. (19)
72. Arcet Equip. Co.
910 W. Cary St. (20)
Phone: MI 4-4522
73. Associated Sales Co.
5 S. 15th St. (19)
P. O. Box 1019
Phone: MI 5-7448
74. Automatic Saw Filing Co.
10 S. Madison St. (20)
75. Baer, Herbert J.
P. O. Box 131
4007 Park Ave.
Phone: MI 5-3090
76. Bellows-Valvair
1 N. 6th St. (19)
Phone: MI 3-2282
77. Berkness Control & Equip. Corp.
308 W. Cary St. (20)
Phone: MI 3-5357
78. Bethlehem Steel Co.
Central Natl. Bank Bldg.
219 E. Broad St. (19)
Phone: MI 8-4754
79. Blinswanger Glass Co.
3300 W. Leight St.
80. Bridgeport Brass Co.
1521 Central National Bank Bldg.
Phone: MI 3-2710
81. Burton, J. H.
5804 Upham Dr. (27)
82. Cardwell Machine Co., The
P. O. Box 1359 (11)
Phone: MI 4-4593
83. Carrier Corp.
1637 Central National Bank Bldg. (19)
Phone: MI 4-4065
84. Century Electric Co.
3318 W. Carey St. (21)
Phone: EL 9-2037
85. Cleveland Trammell Richmond Co.
531 Brook Rd. (20)
Phone: MI 8-7019
86. Cutler-Hammer Inc.
13 E. Franklin St. (19)
Phone: MI 9-1909

87. Dixie Bearings Inc.
1503 Chamberlain Ave.
(22)
P. O. Box 8065
Phone: MI 4-7837
88. Duffee, James
3106 W. Leigh St.
P. O. Box 5055
Phone: EL 9-2411
89. Easo Standard Div.
Broad & Hamilton Sts.
(12)
Phone: EL 9-2411
90. Froehling & Robertson Inc.
841 W. Cary St.
Phone: MI 4-3025
91. General Electric Co.
700 E. Franklin St.
P. O. Box 2188 (17)
92. Goode Co. Inc., W. B.
2915 W. Leigh St. (21)
93. Graybar Electric Co. Inc.
10 S. 6th St. (19)
94. Halliday Co. Inc., Alfred
3122 W. Clay St.
Phone: EL 3-4963
95. Hawley Co., C. R.
234 Reatyn Hills Dr. (29)
Phone: BO 2-8902
96. Hewitt-Robins
2910 W. Clay St. (30)
Phone: EL 8-6382
97. Houghton & Co., E. F.
Suite 2
1 N. 6th St. (19)
Phone: MI 3-7373
98. Howell Co., Frank
17 E. Cary St. (19)
P. O. Box 36
Phone: MI 3-8427
99. Industrial Supply Corp.
1905 Westwood Ave. (30)
P. O. Box 6356
Phone: EL 5-8041
100. Industrial Trucks Inc.
2402 Northumberland
Phone: 5-2395
101. Ingersoll-Rand Co.
3431 W. Leigh St. (30)
Phone: EL 5-7871
102. Leeds & Northrup Co.
302 E. Main St. (19)
Phone: MI 4-8379
103. Longmore, E. C.
2011 Monument Ave. (20)
Phone: EL 5-2197
104. Marchant Industrial Sales Co.
P. O. Box 9534
2717 Maplewood Rd. (28)
Phone: EL 8-9466
105. Marshall Machinery Inc., George A.
1601 Bexhill Rd. (26)
P. O. Box 8573
Phone: AT 2-3418
106. McGraw Inc., James
9th & Cary Sts. (17)
Phone: MI 9-0731
107. McIlhany Equip. Co.
2104 N. Hamilton St.
1300 Altamont Ave. (21)
Phone: EL 9-2483
109. National Seal Works Inc.
P. O. Box 5183
110. Noel Co. Inc., Hugh R.
531 Brook Rd.
Phone: MI 8-7019
111. Ranson, Wallace & Co.
P. O. Box 8762, W. Hampton Sta. (26)
Phone: AT 8-8758
112. Reliance Electric & Engrg. Co.
8542 Patterson Ave.
Phone: AT 9-2833
113. Reliance Equip. & Supply Co.
705 Jefferson Davis Hwy.
Phone: BE 3-1927
114. Reynolds Metals Co.
6601 W. Broad St. (18)
Phone: AT 2-2311
115. Richmond Materials Handling Corp.
2303 Westwood Ave. (30)
Phone: EL 5-8057
116. Richmond Rubber Co.
7th & Leigh Sts. (3)
Phone: MI 8-5325

RICHMOND (cont.)

117. Ridge, John H.
607 Richmond Federal Bldg. (19)
Phone: MI 4-7821
118. Shepherd Co., Allan T.
205 E. Canal St. (10)
P. O. Box 1243
Phone: MI 8-0173
119. Simpson & Son, Paul M.
717 Byrd Park Ct. (20)
Phone: EL 3-0287
120. Smith-Courtney Co.
7th & Bainbridge (11)
P. O. Box 1378
Phone: BE 2-4581
121. Snap-on Tools Corp.
1617 W. Broad St. (20)
Phone: EL 5-9115
122. Southern Railway Supply
1323 E. Main St.
123. Sperry Products Co.
8002A W. Broad St.
Phone: AT 8-2238
124. Summerell Co., H. M.
3414 W. Broad St. (30)
Phone: EL 5-3305
125. Sun Oil Co.
413 Bickerstaff Rd.
Phone: RI 7-0783
126. Swingle Equip. Co.
7254 W. Broad St. (36)
Phone: AT 8-5310
127. Syntrol Baltimore Sales Co.
9303 Edson Rd. (29)
Phone: AT 2-6533
128. Taylor Brothers
8 S. 5th St.
P. O. Box 414
Phone: MI 4-2391
129. Thor Power Tool Co.
2024 Chamberlayne Ave.
(22)
Phone: EL 8-4973
130. Tidewater Supply Co. Inc.
12th & Byrd Sts. (10)
P. O. Box 1259
Phone: EX 3-5361
131. Transmission Products Inc.
2102 Decatur St. (24)
132. Tyson Co., F. M.
3917 W. Franklin St. (21)
Phone: EL 9-4006
133. U. S. Gypsum Co.
3122 W. Clay St.
Phone: EL 9-4006
134. Viereck & Co., George E.
1 N. 6th St.
Phone: MI 8-8877
135. Va. Tool & Equip. Corp.
1301 W. Main St. (20)
Phone: EL 8-4935
136. Walsh, Robert M.
Box 457-Petersburg Pike
(24)
Phone: BE 3-8434
137. Watkins Welding Supply Co.
1548 E. Carey St.
138. Weaver Co. Inc., C. Arthur
2612 W. Cary St. (20)
Phone: EL 9-5771
139. Welders Supply Co.
P. O. Box 5268 (20)
1505 Brook Rd.
140. Werres Co. Inc., Paul H.
P. O. Box 638
110 N. 8th St. (5)
Phone: MI 3-4093
141. West Chemical Products Inc.
1700 Altamont Ave. (21)
142. Williamson & Wilmer Inc.
617 Mutual Bldg. (19)
Phone: MI 3-9003
143. Wood & Co. Inc., Harry M.
2016 2nd Ave. (21)
Phone: MI 3-8529

ROANOKE

144. Crunkleton Co.
2701 Shenandoah Ave., NW.
Phone: DI 3-4893
145. General Electric Co.
P. O. Box 871
920 S. Jefferson St. (5)
Phone: DI 5-7764
146. Graves-Humphrey Inc.
1948 Franklin Rd., SW. (6)
P. O. Box 1240
Phone: DI 3-8011

147. James, Richard
1145 Winona Ave., SW.
Phone: DI 4-1157

148. Jones Welding Supplies
225 11th St., SE.

149. Kavanaugh, Emmett W.
P. O. Box 2484 (8)
Phone: EM 6-3672

150. McIlhenny Equip. Co.
Cor. 14th St. & Center
Ave., NW.

151. Milliken Co., The
3304 Salem Turnpike Rd.,
NW.
P. O. Box 1763

152. Nelson Hardware Co.
17 Campbell Ave., SE.
Phone: RO 3-2481

153. Noland Co. Inc.
1226 Center Ave., NW. (10)
P. O. Box 1911
Phone: DI 4-5461

154. Reliance Equip. & Supply
Co.
1531 Shenandoah Av.
Phone: DI 4-7672

155. Tidewater Supply Co. Inc.
Shenandoah at 14th
P. O. Box 1829
Phone: DI 3-1515

156. Werres Co. Inc., Paul H.
P. O. Box 2528
3226 Brambleton Ave., SW.
Phone: DI 3-3985

157. Worley-Hickam Co.
1846 Oxford Ave., SW.
Phone: DI 2-5490

SALEM

158. Parker-Nimmo Supply Co.
Inc.
Broome & Chapman Sts.
P. O. Box 230
Phone: 2335

159. Shenandoah Tool & Supply
Co.
1600 Colorado St.
Phone: DU 9-4540

SANDSTON

160. Oakite Products Inc.
Box #177
Phone: RE 7-2266

SMITHFIELD

161. McIlhenny Equip. Co.
303 Jordan Dr.

SPRINGFIELD

162. Fries, Beall & Sharp Co. Inc.
Shirley Hwy. & Edsall Rd.

STAUNTON

163. McIlhenny Equip. Co.
307 College Circle

VIRGINIA BEACH

164. Graham, Richard H.
P. O. Box 322
Phone: GA 8-3837

WARRENTON

165. Warren, David M.
530 Culpeper St.
Phone: WA 0058

WARWICK

166. General Electric Co.
P. O. Box 1038
311 Main St.

WAYNESBORO

167. Mize Supply Co.
326 Ohio St.
Box 679
Phone: WH 2-8273

WILLIAMSBURG

168. Williams, W. C.
490 Catesby Lane
Middletown Farms
Phone: CA 9-2587

WYTHEVILLE

169. Grubb, Robert N.
Phone: CA 8-3191

170. Johnson Sons, R. P.
355-365 E. Main St.
P. O. Box 280
Phone: CA 8-2136

WASHINGTON

ABERDEEN

1. Bearing Sales & Service Inc.
317 E. Market St.
Phone: LE 2-8933

2. Isaacson Co., L. G.
901 E. Washkah St.
P. O. Box 160
Phone: LE 2-3362

3. Mill & Logging Supply Co.
313 S. "H" St.
Phone: 291

ALDERWOOD MANOR

4. Crabb, Edward
16002 E. Shore Dr.
Phone: GR 2482

BELLEVUE

5. Airsupply Co.
10633 NE. 8th St.
Phone: GL 4-7922

6. Factors Inc.
P. O. Box 337
Phone: GL 4-9571

7. Hall Engrg. Co.
1430-130th St., NE.
Phone: GL 4-9511

8. Mack, Warren D.
16060 NE. 2nd St.
Phone: SH 6-4549

9. Poggi, Martin J.
208 Carlson Bldg.
Phone: GL 4-5648

10. Razor, Darrell O.
P. O. Box 411
Box 181
Phone: GL 4-4309

BELLINGHAM

12. Morse Hardware Co.
1025 Slate St.

13. Whatcom Saw & Supply
1429 N. State St.

EVERETT

14. All Bearing Service Inc.
1106 Hewitt Ave.
Phone: AL 9-3118

15. Bearing Sales & Service Co.
2903 Grand Ave.
P. O. Box 1329
Phone: MU 2-0331

16. Everett Hardware Co.
2718 Broadway
Phone: AL 9-2158

17. Wash. Belting & Rubber Co.
2923 Grand Ave.
Phone: ME 6-6351

HOQUIAM

18. Foster Co., F. G.
9th & Simpson Ave.

KELSO

19. Coleman Industrial Supply
Inc.
401 S. Pacific Ave.

KENNEWICK

20. Industrial Air Products Co.
526 W. Columbia Blvd.

KIRKLAND

21. Langlois Air & Hydraulics
Co.
803-18th Ave., W.
Phone: VA 2-3243

LONGVIEW

22. Bearing Sales & Service Inc.
743 Commerce Ave.
Phone: HA 5-1850

MERCER ISLAND

23. Tower Equip. Co.
P. O. Box 158
Phone: AD 2-1460

MOSES LAKE

24. Columbia Basin Machine Co.
W. 612 3rd Ave.
Phone: RO 5-6362

25. Faber Hardware & Indus-
trial Supply
E. 423 Broadway St.
Phone: RO 5-4352

PASCO

26. Bearing Sales & Service Co.
319 W. Clark St.
P. O. Box 874
Phone: LI 7-2421

27. General Electric Co.
824 W. Lewis St.
P. O. Box 971
Phone: LI 7-5515

PORT ANGELES

28. Bearing Sales & Service Inc.
Valley at 2nd
P. O. Box 872
Phone: GL 2-2307

RENTON

29. Acetogen Cutting Gas Co.
330 Main St.
30. Fisher, Clarence A.
16828 122nd Ave., SE.

SEATTLE

31. Acme Steel Co.
1025 6th Ave., S. (4)
Phone: MA 3-1102

32. Air-Mac Inc. of Wash.
3838-4th Ave., S. (4)
Phone: MU 2-3388

33. Ajax Electric Salt Bath Fur-
naces
Box 81, Boeing Field (8)
Phone: PA 5-7120

34. Alaskan Copper & Brass Co.
3223 6th Ave., S. (14)
Phone: MA 3-5800

35. Alemite Co. of the North-
west
924 E. Pike St. (22)

36. All Bearing Service Inc.
2741 4th Ave., S.
Phone: MA 2-5395

37. Allegheny Ludlum Steel
Corp.
3327 White Henry Stuart
Bldg. (1)
Phone: MU 2-2180 &
2-2181

38. Allied Agencies Inc.
4321 Linden Ave., N. F. (3)
Phone: ME 2-4814

39. Allis-Chalmers
1318 4th Ave. (1)
Phone: MA 4-3737

40. Allis Co., The Louis
708 9th Ave., S. (4)
Phone: MU 2-5350

41. Aluminum Co. of Amer.
1411 4th Ave. Bldg. (1)
Phone: MA 4-4040

42. Amer. Brass Co., The
1311 Tower Bldg. (1)
Phone: MA 3-2565

43. Amer. Optical Co.
312 Dexter Ave., N.
Phone: MA 4-8776

44. Aronson's Hardware Co.
1415 1st Ave. (1)
Phone: MA 4-1777

45. Atlas Equip. Co.
620 Maynard Ave. (4)
Phone: MU 2-6232

46. Backer Co., James J.
221 W. Galer St.
Phone: AT 3-6470

47. Bailey Co., E. F.
612 6th Ave., S. (4)
Phone: DU 1-2900

48. Bartells Co., E. J.
1212-6th Ave., S. (4)
Phone: MU 2-3636

49. Bearing Engrg. & Supply
Co.
2548 Airport Way at Land-
er St. (4)
Phone: MA 2-2744

50. Bearing Sales & Service
Inc.
2908 6th Ave., S. (4)
Phone: MU 2-0331

51. Behr-Manning Co.
540 W. Idaho St. (4)
Phone: MA 4-3030

52. Bellows-Valvair
2 Hanford St. (4)
Phone: MU 2-1852

53. Berg-Evans Chain Co.
2221-4th Ave., S. (4)
Phone: MA 2-2060

WASHINGTON

54. Bethlehem Steel Co.
3651 E. Marginal Way (24)
Box 3827
Phone: WE 5-1100

55. Black & Decker
434 8th Ave., N. (9)
Phone: MA 3-6442

56. Bohm, Fritz E.
2307 N. 18th Ave. (2)
Phone: EA 3-4169

57. Bowles Co. Inc.
101 Jackson St. (4)
Phone: MA 3-3504

58. Boyd Co., A. B.
418 Boren, N. (9)

59. Branom & Leeland Instru-
ment Co. Inc.
2137 2nd Ave.
Phone: MA 2-7320

60. Bridgeport Brass Co.
607 3rd Ave. (4)
Phone: MA 4-2860

61. Brown Bearing Co.
2440 1st Ave., S. (4)
Phone: MA 2-2404

62. Brown Engrg. Co.
812 Adams St. (8)
Phone: MA 2-5420

63. Brunner & Lay of Portland
Inc.
2600 1st Ave. (1)
Phone: MA 2-8532

64. Buckner-Weatherby Co. Inc.
1743 1st Ave., S. (4)
Phone: MA 3-5103

65. Burcham Co., Don H.
421 1st Ave., W. (99)
Phone: AT 4-7297

66. Burleigh Co., The
5245 Pullman Ave. (5)
Phone: LA 4-5245

67. Butcher Co., L. H.
5601 1st Ave., S. (24)
Phone: PA 5-8400

68. Butts, Garmond E.
3710 SW. 171st St. (66)
Phone: CH 2-2103

69. Campbell Industrial Supply
Co.
3433 Airport Way at Spo-
kane St. (4)
Phone: MA 2-5567

70. Carlson, Fred W.
1201 Dexter Ave. (9)
Phone: AT 4-4630

71. Carlson, Lars
3004 W. Laurelhurst Dr.
(5)
Phone: LA 5-6550

72. Carpenter Steel Co., The
3318 White Henry Stuart
Bldg. (1)
Phone: MU 2-2153

73. Carrier Corp.
Room 928, Joseph Vance
Bldg. (1)
3rd & Union
Phone: MA 4-3081

74. Cascade Distributors Inc.
1918 1st Ave., S. (4)
Phone: MA 4-5625

75. Cascade Handling Equip.
Co.
1741 1st Ave., S. (1)
Phone: MA 2-7069

76. Caskey Engrg.
2200 1st Ave., S.
Phone: MA 2-4073

77. Century Electric Co.
3420 E. Marginal Way (4)
Phone: MA 4-8443

78. Chain Belt Co.
2425 Airport Way (4)
Phone: MU 2-6750

79. Chain Gear Inc.
820 1st Ave., S.
Phone: MA 2-7000

80. Charles Industrial Sales Co.
5201 1st Ave., S. (8)
Phone: PA 3-6010

81. Chase Brass & Copper Co.
1957 1st Ave., S. (4)
Phone: MA 4-1862

82. Chicago Pneumatic Tool Co.
2901 1st Ave. (4)
Phone: MA 2-3930

SALES OFFICES

WASHINGTON

SEATTLE (cont.)

83. Chicago Rawhide Mfg. Co.
Room 203, 1731 1st Ave., S.
(4)
Phone: MA 4-3843
84. Cleveland Trammall North-
west Co.
300 Michigan St. (8)
Phone: PA 2-0631
85. Colby Steel & Mfg. Inc.
65 Horton St. (4)
Phone: MA 3-4388
86. Cooley & Assoc., Roy H.
101 Jones Bldg. (1)
87. Cragin & Co.
932 1st Ave., S. (4)
Phone: MA 3-0052
88. Crane Packing Co.
414 Vance Bldg.
1402 3rd Ave. (1)
Phone: MA 2-3661
89. Crucible Steel Co.
2755 1st Ave., S. (4)
Phone: MA 3-6050
90. Cunningham, Ralston R.
71 Columbia St. (4)
Phone: MA 2-2341
91. Daley & Assoc., Russell G.
P. O. Box 1655, Lake City
Sta. (55)
Phone: EM 3-0009
92. Dawson Machinery Co.
5700 1st Ave. (8)
Phone: PA 3-8777
93. Dawson Tool & Abrasive
Inc.
5700 1st Ave., S. (8)
Phone: PA 2-7242
94. Daystrom Inc.
831 Airport Way (4)
Phone: MU 2-3355
95. De Laval Pacific Co.
535 1st Ave., W.
Phone: AT 4-0280
96. Denny Co., H. M.
111 W. Harrison (4)
Phone: AT 4-0630
97. Dick Co. Inc., R. & J.
307 Maritime Bldg.
Phone: MU 2-1922
98. Diesel Engrg. Co.
121 W. Ewing St. (99)
Phone: AT 2-1121
99. Diston Div.
1555-65 4th Ave., S. (24)
Phone: MA 3-8040
100. Dietzen Co., Eugene
620 Michigan St. (5)
Phone: PA 5-8832
101. DoALL Northwest Co.
520 E. Pike St. (22)
Phone: EA 2-2363
102. Donnelly Co., F. K.
401 E. 92nd St. (15)
Phone: LA 3-8294
103. Dooley Co., The J. K.
P. O. Box 1621 (13)
Phone: EM 2-0745
104. Dow Corning Corp.
Box 76, Boeing Field (8)
Phone: PA 5-7800
105. Dow Industrial Co.
2410 1st Ave., S. (4)
Phone: MA 3-6370
106. Dowling Co., Jack
2437 Monta Vista Pl. (99)
Phone: AL 3-7918
107. Electra Motors Inc.
1016 1st Ave., S. (4)
Phone: MA 3-5006
108. Elgin National Watch Co.
1807 Bush Pl. (44)
109. Eltee Tool & Supply Co.
7760 E. Marginal Way (8)
Phone: PA 3-6540
110. Eutectic Welding Alloys
2712 2nd Ave. (1)
Phone: MA 3-5126
111. Exact Weight Scale Co., The
3222 Western Ave. (1)
Phone: AT 4-8680
112. Fafnir Bearing Co., The
605 Spokane St. (4)
Phone: MA 2-4141
113. Fetzer Co., Lewis J.
Box 6091
2805 S. 133rd St. (88)
Riverton Heights
Phone: CH 3-3529

114. Fiberglass & Chemical Serv-
ices
1220 W. Nickerson (99)
Phone: AT 3-1995
115. Forsyth, A. T.
2800-15th Ave., W. (99)
Phone: AT 3-5716
116. Freeburg, Wm. M.
Box 44, Boeing Field (8)
Phone: PA 5-7066
117. Fuller Brush Co., The
2505 Airport Way (4)
Phone: MA 4-1115
118. Gardner-Denver Co.
615 8th Ave., S. (4)
Phone: MA 4-1115
119. Garland-Affolter Engrg.
2603 Western Ave. (1)
Phone: MU 2-4950
120. General Controls Co.
925 Westlake Ave., N. (9)
Phone: AT 4-0440
121. General Electric Co.
P. O. Box 1207
71 2nd Ave. (11)
Phone: MA 4-8300
122. General Electric Co.
550 W. Idaho St. (4)
Phone: MA 4-3950
123. Gilbert Sales Co.
906 1st Ave., W. (99)
Phone: AT 3-6330
124. Gillett Assoc., G. M.
19690 19th NE. (55)
Phone: PA 5-3060
125. Golden, James B.
1220 Boren Ave. (1)
Phone: MA 3-8074
126. Graybar Electric Co. Inc.
King & Occidental Sts.
P. O. Box 3727
Phone: MU 2-0123
127. Great Western Chemical Co.
6900 Fox Ave. (8)
Phone: PA 5-6356
128. Greaves Co., Fred G.
418 8th Ave., N. (9)
Phone: EL 0-6860
129. Griffin Co., E. C.
539-1st Ave., S. (4)
Phone: MA 3-4216
130. Grinnell Co.
3101 Elliott Ave. (1)
131. Haight Co., Fred H.
3212 Eastlake Ave. (2)
Phone: EA 3-1818
132. Hallidie Machinery Co., Inc.
210 Hudson St. (4)
Phone: PA 3-9520
133. Hanson & Co., A. J.
4803 9th NW. (7)
Phone: SU 4-8026
134. Harader, Del D.
1534-16th Ave., N. (2)
Phone: EA 2-5790
135. Harnischfeger Corp.
2909 1st Ave., S. (4)
Phone: MA 2-4924
136. Hartley Co., H. E.
Boeing Field - Box 81 (8)
Phone: PA 5-7120
137. Haseltine & Co., J. E.
510 1st Ave., S. (4)
Phone: MA 4-0626
138. Heating Service Inc.
314 9th Ave., N. (9)
Phone: MA 8860
139. Hewitt-Robins
441 Dexter Norton Bldg.
(4)
Phone: MA 2-8640
140. Houghton & Co., E. F.
90 Dearborn St. (4)
Phone: MA 2-7961
141. Houston Co. Inc., The
Room 14, North Annex.
(8)
King County Airport
Phone: PA 5-7980
142. Hughes Co. Inc., R. S.
1107 Bailey St.
Phone: PA 5-5750
143. Hunter, Robert A.
417 - 34th Ave. (23)
Phone: EA 4-0874
144. Hydraulic & Air Equip. Co.
2450 6th Ave., S. (4)
Phone: MU 2-1681
145. Industrial Air Products Co.
1900 4th Ave., S.
Phone: MU 2-4750

SEATTLE (cont.)

146. Industrial Materials Inc.
1203 Pine St.
Phone: MA 2-8575
147. Industrial X-Ray Engineers
115 Belmont Ave., (2)
Phone: EA 3-0620
148. Ingersoll-Rand Co.
526 1st Ave., S. (4)
Phone: MA 2-2866, 7, 8, 9
149. Instrument Lab. Inc.
934 Elliott Ave., W. (99)
150. International Sales Corp.
1230 Westlake Ave., N. (9)
Phone: AT 3-6115
151. Jarman, L. R.
P. O. Box 8035, Northgate
Phone: PA 5-7066
152. Jefferson Inc., Frank H.
80 1st Ave., S. (4)
Phone: MU 2-2196
153. Johns-Manville Sales Corp.
4304 Stone Way (3)
Phone: ME 3-4300
154. Johnson Co., Frederick
1515 15th Ave., W. (99)
Phone: AT 3-1515
155. Johnson, John W.
12417 2nd Pl., SW. (64)
Phone: CH 3-4695
156. Johnson & Son Inc., S. C.
3667 1st Ave. (4)
Phone: MA 3-5019
157. Johnson Wholesale Plumb-
ing
517 Aloha St.
158. Johnston Co., M. D.
307 Occidental Ave. (4)
159. Jones & Laughlin Steel
Corp.
2939 E. 182nd St. (55)
Phone: EM 4-1040
160. Jones & Orth Cutter Head
Div.
P. O. Box 3523 (24)
Phone: PA 2-7300
161. Kaiser Aluminum & Chemi-
cal Sales Inc.
302 W. E. A. Bldg.
910 5th Ave. (4)
Phone: MA 3-7821
162. Kearfott Div.
Terminal Annex, P. O.
3943 (4)
163. Keeler-White Inc.
1041-6th Ave., S. (4)
Phone: MA 3-2367
164. Kelr Co. Inc., L. C.
2726 - 1st Ave., S. (4)
Phone: MA 4-1763
165. Kunz Co., R. E.
1016 1st Ave., S. (4)
Phone: MA 3-4949
166. L. M. T. Distributing Co.
1603 Harvard Ave. (22)
167. Lachman & Sons, I.
Harper Bldg.
1504 - 3rd Ave.
168. Lanco Equip. Co.
1025 W. Spokane St. (4)
169. Langlois Air & Hydraulic
1443 Northlake Way (3)
Phone: ME 3-3747
170. Lee Co., Fairman B.
241 Central Bldg. (4)
Phone: MU 2-1456
171. Leeds & Northrup Co.
1311 Republican St. (9)
Phone: MA 3-5505
172. Lewin-Mathes Co.
1056 4th Ave., S. (4)
Phone: MA 2-6733
173. Lifco Inc.
1921 Minor Ave.
Phone: MA 3-8690
174. Lincoln Electric Co., The
549 W. Nevada Ave. (4)
Phone: MA 3-2335
175. Linde Co.
3404 4th Ave., S. (4)
Phone: MA 2-6347
176. Link-Belt Co.
3405 6th Ave., S. (4)
177. Long, Spencer D.
515 Olympic Pl. (99)
Phone: AT 3-9323
178. Lundin & Co., D. H.
4803 9th NW. (7)
Phone: SU 4-8030
179. Lynn & Brooks
1990 Alaskan Way
Phone: AT 4-8579
180. Machinery Exchange Co.
2720 1st Ave., S.
3841 1st Ave., W. (4)
Phone: MU 2-3425
181. Marquette Mfg. Co.
422 1st Ave., W. (99)
Phone: AT 4-0331
182. Marvin Co. Inc., John H.
1452 Elliott Ave., W. (99)
Phone: AT 2-0245
183. Masterson's Equip. Inc.
515 S. 138th St. (88)
184. McAneney & Assoc., Earl R.
Room 200-Prefontaine
Bldg.
Corner 3rd Ave. & Yesler
Way (4)
Phone: MA 3-4051
185. Micro Switch
401 Pontius Ave. (9)
Phone: MU 2-4580
187. Miller Fluid Power Div.
314 Lloyd Bldg.
6th & Stewart
Phone: MU 2-3033
188. Milwaukee Electric Tool
Corp.
405 Cedar St. (1)
Phone: MA 4-8631
189. Minn. Mining & Mfg. Co.
3663 1st Ave., S. (4)
Phone: MU 2-5550
190. Montgomery Brothers
911 Western Ave. (4)
191. Moore & Co. Engineers Inc.,
C. C.
417 Smith Tower (4)
Phone: MA 2-1496
192. Mossman, M. M.
801 The Hoge Bldg. (4)
Phone: MA 4-5383
193. Murray, D. James
1206 E. Pike St. (22)
Phone: EA 3-1070
194. Muth-Richards Co.
1804 Bush Pl. (44)
Phone: EA 3-2128
195. National Co. Inc., The
76 Marion St. (4)
Phone: MU 2-2450
196. Nelson Stud Welding Div.
2737 1st Ave., S.
Phone: MU 2-3268
197. Northern Commercial Co.
4233 W. Marginal Way (4)
Phone: MA 2-8629
198. Northwest Plumbing Supply
700 Northlake Way (3)
Phone: EL 6535
199. Northwestern Agencies Inc.
4130 1st Ave., S. (4)
Phone: MA 3-8882
200. Northwestern Lubricants &
Supply Co.
8403 Greenwood
Phone: SU 3-2820
201. Norwest Co.
210 N. 36th St. (3)
Phone: ME 3-3232
202. Northwestern Sales Co.
2116 11th Ave., W.
Phone: AT 2-4814
203. Oakite Products Inc.
558 1st Ave., S. (4)
Phone: MA 4-0888
204. Ogden Assoc., Merrill F.
12240 6th Ave., NW. (77)
Phone: EM 7186
205. Ogle & Co., Jack
105 Oreson St.
Phone: PA 5-2630
206. Ohio Knife Co., The
2208 White-Henry-Stuart
Bldg. (1)
Phone: MA 2-4806
207. Ohio Seamless Tube
801 Hoge Bldg. (4)
Phone: MA 4-5393
208. Oilgear Co., The
914 Arctic Bldg. (4)
Phone: MA 2-7445
209. Olson Co., D. A.
420 E. 45th (5)
Phone: ME 3-4123
210. O'Neill Machinery Co.
1011-13 Howell St. (1)
Phone: MA 4-0556

SEATTLE (cont.)

211. Owen-Brink Co.
1006 Lowman Bldg. (4)
Phone: MA 4-2420
212. Pacific Metal Co.
4150 1st Ave., S. (4)
Phone: MA 2-6825
213. Pacific Pumping Co.
114 W. Harrison St.
Phone: AT 4-1424
214. Pacific Scientific Co.
421 Michigan St.
Phone: PA 5-7000
215. Pafenbach & Co., C. A.
4111 1st Ave., NW. (7)
Phone: SU 3-0560
216. Parsons & Co., C. B.
3028 1st Ave. (1)
Phone: MU 2-6780
217. Penning, J. H.
2323 2nd Ave. (1)
Phone: MA 2-1190
218. Perine Machinery & Supply Co. Inc.
1921 1st Ave., S. (4)
Phone: MA 2-2630
219. Perry, O. E.
4216 E. 72nd St. (15)
Phone: LA 5-7688
220. Porter Co., Burt C.
1209 Poplar Pl. (44)
Phone: EA 3-8330
221. Porter-Cable Machine Co., The
233 W. Lake North
Phone: MU 2-8080
222. Pratt & Whitney Co. Inc.
668 Lane St. (4)
Phone: MA 3-7015
223. Pratto, W. J.
926 - 12th Ave.
Phone: EA 2-6655
224. Puget Sound Blue Print Co.
120 Spokane St. (4)
Phone: MA 3-6461
225. Puget Sound Stamp Co.
120 Marion St. (4)
226. Rainier Industrial Inc.
1150 Eastlake (1)
Phone: MA 4-1141
227. Ravenna Metal Products
6518 Ravenna Ave., NE. (15)
Phone: LA 5-5555
228. Raymond, Don
P. O. Box 4083 (99)
Phone: AT 3-2294
229. Reichhold Chemicals Inc.
5900 W. Marginal Way (24)
P. O. Box 3547
Phone: PA 3-6300
230. Republic Steel Corp.
6636 White-Henry-Stuart Bldg. (1)
Phone: MA 2-8583
231. Revere Copper & Brass Inc.
314 Fairview Ave., N. (9)
Phone: MA 3-1401
232. Reynolds Metals Co.
307 Broad St. (1)
Phone: MA 3-2503
233. Roberts, C. A.
4330 Phinney Ave. (3)
Phone: ME 2-1664
234. Rogers Co., F. P.
530 1st Ave., S. (4)
Phone: MA 2-7667
235. Roose, Leland N.
6728 Beach Dr. (16)
Phone: WE 7-7148
236. Ross & Co., J. C.
1925 1st Ave., S. (4)
Phone: MA 4-7233
237. Rucker Co., The
1705 4th Ave., S. (4)
Phone: MA 2-7783
238. Rueger Co.
P. O. Box 4633, Magnolia Sta. (99)
Phone: MA 3-0366
239. Ryerson & Son Inc., Jos. T.
1200 4th Ave., S. (34)
Box 3525
Phone: MA 4-3300
240. SKF Industries Inc.
170 Denny Way (9)
Phone: MA 4-4454
241. Sales & Service Enterprises
3608 E. 103rd St. (55)
P. O. Box 1607

242. Schack & Co., Ed B.
2218 1st Ave. (1)
Phone: MA 2-0171
243. Scientific Supplies Co.
60 Spokane St. (4)
Phone: MU 2-3460
244. Seaport Co.
902 Leary Way (7)
P. O. Box 5101
Phone: SU 4-9030
245. Seattle Hardware Co.
501 1st Ave. (24)
Phone: MA 2-7920
246. Selsas Corp. of Amer.
Boeing Field, Box 37 (8)
Phone: PA 3-5940
247. Sensi-Threader Sales Co.
4830-40th Ave., SW. (16)
Phone: WE 7-6754
248. Shaffer & Nelson Inc.
312 Occidental Ave.
Phone: MU 2-0186
249. SKIL Corp.
818 John St. (9)
Phone: MA 4-3045
250. Smith Sales Co., Don
2330 N. 45th St.
Phone: ME 3-3160
251. Snap-on Tools Corp.
4503 8th Ave., NW. (7)
Phone: SU 2-2132
252. Snellman Co., D. L.
113 King St. (4)
Phone: MA 3-8260
253. Soderling Co., H. F.
1729 1st Ave., S. (4)
Phone: MA 2-8056
254. Sound Elevator Co.
2718 Elliott Ave. (1)
Phone: MA 3-8056
255. Spencer Aircraft Industries
8410 Dallas Ave. (8)
Phone: PA 3-0911
256. Standard Electric Sales
204 W. Lucile St. (4)
Phone: PA 5-9440
257. Standard Equip. Sales Co.
6021 Airport Way
Phone: PA 5-5130
258. Standard Oil Co. of Calif.
P. O. Box 1899
1318 4th Ave. (11)
Phone: MA 3-6310
259. Star Machinery Co.
241 Lander St. (4)
Phone: MA 3-0760
260. Star Stainless Screw Co.
3616 39th Ave., W. (99)
Phone: MU 2-3260
261. Starbuck Machine Tool Co.
4111 Airport Way (8)
Phone: MU 2-3260
262. Stedman, G. A.
2339 Federal Ave.
Phone: EA 3-1393
263. Steam Supply & Rubber Co.
123 Jackson St. (4)
Phone: MA 6556-7-8
264. Sterling Electric Motors Inc.
1712 1st Ave., S. (4)
Phone: MA 4-0723
265. Sterling Tool Co.
2929 E. Marginal Way (24)
Phone: MA 4-3204
266. Stevenson & Co., Robert L.
911 Western Ave.
Phone: MU 2-3649
267. Swanton Inc., Harold R.
2739-4th Ave., S. (4)
Phone: MU 2-3232
268. Swart Industries
1404 8th Ave. (4)
Phone: MU 2-7077
269. Sweetland Co., E. D.
1250 1st Ave., S. (4)
Phone: MA 2-1167
270. Syntrol Seattle Sales Co.
15223 8th Ave., S. (88)
Phone: CH 3-6250
271. Systi-Matic Co.
851 Poplar Pl.
Phone: EA 2-1600
272. Taraba Co., Joseph F.
1016 1st Ave., S. (4)
Phone: MA 3-5006
273. Tebb, Maxwell
233 Westlake Ave., N. (9)
Phone: MA 4-7756
274. Texaco Inc.
1511 3rd Ave. (1)
Phone: MU 2-4500
275. Thor Power Tool Co.
414 8th Ave., N. (9)
Phone: MU 2-0591

SEATTLE (cont.)

276. Thorson Co., The
1767 18th Ave., S.
Phone: EA 5-5002
277. Thurlow Co., Stephen
1912 Minor Ave. (1)
Phone: MU 2-5488
278. Timken Roller Bearing Co., The
305 49th Ave., N. (9)
Phone: MA 2-1580
279. Tracerlab Inc.
11849 16th S. (88)
Phone: MA 2-4161
280. Tri-State Supply Corp.
322 Occidental Ave. (4)
Phone: MA 2-4161
281. Tudor & Assoc. Inc., J. A.
2605 Western Ave. (1)
Phone: MU 2-7444
282. Tyee Machinery Co.
1924 1st Ave., S. (4)
Phone: MU 2-5881
283. Valvoline Oil Co.
2204 1st Ave., S. (4)
Phone: MA 2-8359
284. Vascology-Ramet Corp.
2725 1st Ave., S. (4)
Phone: MA 4-1763
285. Vickers Inc.
623 8th Ave., S. (4)
Phone: MU 2-0950
286. Wales-Strippit Inc.
101 Jones Bldg. (11)
Phone: MA 3-8306
287. Walsh Assoc.
1138 Poplar Pl. (44)
Phone: EA 3-1135
288. Warden Co. Inc., George W.
1305 Dexter Ave. (9)
Phone: AT 3-0622
289. Washington Belting & Rubber Co.
2763 1st Ave., S.
Phone: MA 3-5650
290. Watson Co., T. T.
1236 Bailey St. (8)
Phone: FA 5-7722
291. Webster Machinery Co.
2720 1st Ave., S. (4)
Phone: MU 2-0833
292. Weigel, Ray H.
2 Hanford St. (4)
Phone: MA 4-1630
293. Welders Supply Co.
4000 7th Ave., S. (8)
Phone: MA 3-5001
294. West Chemical Products
1738 4th Ave., S. (4)
Phone: MA 3-5001
295. West Coast Machinery Co. Inc.
2707 1st Ave., S.
Phone: MA 3-5001
296. Western Dynamics Inc.
220 Westlake N. (9)
Phone: MU 2-2171
297. Western Factors
2733 4th Ave., S. (4)
Phone: MU 2-3414
298. Western Foundry Sand Co.
1039 Elliott Ave., W. (99)
Phone: AT 3-0123
299. Western Gear Corp.
417 9th Ave., S. (4)
Phone: MA 2-0662
300. Whiting Corp.
529 Skinner Bldg.
1326 5th Ave. (1)
Phone: MU 2-1785
301. Winikoff Co., Neil
2700 Beacon Ave. (44)
Phone: EA 5-6262
302. Wolff, E. F.
615 S. 150th St. (88)
303. Woolsey Co., A. F.
84 Madison St.
Phone: MA 3-7061
304. Wright & Co., Norman S.
235 9th Ave., N. (9)
Phone: MA 4-7060

SOUTH SEATTLE

305. Brown Bearing Co.
2440 1st Ave.
Phone: MA 2-2404
306. Cutler-Hammer Inc.
619 8th Ave. (4)
Phone: MA 4-3545

SPOKANE

307. A & H Products Co.
4126 E. 28th St. (33)
Phone: KE 5-5185

WASHINGTON

308. Air-Mac Inc. of Wash.
E. 3710 Trent Ave.
P. O. Box 1125
Phone: KE 5-2005
309. Allis-Chalmers
W. 12 Indiana Ave.
Phone: FA 7-1581
310. Aluminum Co. of Amer.
610 Fidelity Bldg. (1)
Phone: RI 7-6124
311. Bartells Co., E. J.
1203 W. College St.
Phone: EM 7500
312. Bethlehem Steel Co.
Radio Central Bldg.
W. 725 Sprague Ave. (4)
Phone: TE 8-3671
313. Bitco Inc.
E. 4115 Trent Ave.
Box 155, Parkwater Sta.
Phone: KE 5-1611
314. Brown Bearing Co.
E. 1711 Trent Ave.
Phone: KE 5-3093
315. Calkins Mfg. Co.
N. 1102 Atlantic
Phone: FA 5-4518
316. Century Electric Co.
E. 800 Front Ave. (2)
Phone: HU 7-1502
317. Cutler-Hammer Inc.
E. 1717 Thurston Ave. (34)
Phone: MA 4-9702
318. Eagle Metals Co.
N. 732 Helena (24)
Phone: KE 4-0686
319. Empire Bearing Co.
E. 3107 Trent (31)
P. O. Box 4117, Station "B"
Phone: KE 5-2955
320. Equip. Sales & Service
W. 925 1st Ave.
Phone: MA 4-4411
321. General Electric Co.
S. 162 Post St. (4)
Phone: TE 8-3621
322. General Machinery Co.
E. 3500 Riverside Dr.
P. O. Box 4227, Station B
Phone: KE 4-1535
323. Gibson Welding Supply Inc.
E. 218 Trent Ave. (2)
Phone: RI 7-8071
324. Great Western Chemical Co.
W. 1133 College Ave.
Phone: FA 7-9681
325. Greaves Co., Fred
1207 W. College (11)
Phone: FA 5-0480
326. Grinnell Co.
E. 909 Sprague Ave. (3)
Phone: KE 4-6802
327. Hallidie Machinery Co. Inc.
2603 N. Division St. (21)
P. O. Box 5005, Station "C"
Phone: FA 7-9681
328. Haseltine & Co., J. E.
N. 1101 Division St.
Phone: FA 7-4448
329. Hayden Tool Specialty Co.
East 1407 Sprague Ave.
Phone: KE 4-6802
330. Hydraulic & Air Equip.
P. O. Box 4145
Phone: KE 4-7869
331. Industrial Air Products Co.
East 4230 Trent
Phone: MA 1321
332. Inter-State Industrial Sales
P. O. Box 198 (10)
Phone: FA 7-9528
333. Jensen-Byrd Co.
314 Riverside Ave.
P. O. Box 247
Phone: MA 1321
334. Kilmer & Sons Co.
W. 1901 1st Ave. (10)
P. O. Box 165
Phone: MA 4-3201
335. Lifeco Inc.
E. 4324 Trent Ave.
Phone: KE 5-1776
336. Matthews & Assoc., W. R.
W. 419 2nd Ave. (4)
Phone: MA 4-2801
337. Northwest Oxygen Co.
1031 W. Broadway

SALES OFFICES

WASHINGTON

SPOKANE (cont.)

- 338. Nott-Atwater Co.
S. 157 Monroe St.
Phone: MA 4-4377
- 339. Oakite Products Inc.
S. 125 Stevens St. (4)
Phone: MA 4-5288
- 340. Pollard, T. M.
E. 2146 - 8th Ave. (32)
Phone: FA 7-9528
- 341. Reynolds Metals Co.
Room 929, Old National
Bank Bldg.
Phone: TE 8-4001
- 342. Ryerson & Son Inc., Jos. T.
N. 207 Freya St. (10)
Box 2158
Phone: KE 5-1581
- 343. Shaffer & Nelson Inc.
W. 1835 Broadway
P. O. Box 198
Phone: FA 7-9528
- 344. SKIL Corp.
2226 Riverside (24)
Phone: KE 5-1754
- 345. Spokane Stamp Works
401 1st Ave.
Phone: MA 4-9177
- 346. Standard Oil Co. of Calif.
P. O. Box 1495 (10)
Phone: MA 4-1191
- 347. Star Machinery Co.
E. 415 Sprague Ave. (3)
Phone: RI 7-6121
- 348. Towne Equip. Co. Inc.
622 N. Monroe St. (1)
Phone: FA 8-1540
- 349. Wash. Machinery & Supply
Co.
W. 9 Cataldo Ave. (1)
Phone: FA 5-4581
- 350. Wright & Co., Norman S.
S. 125 Stevens St. (4)
Phone: MA 4-8053

TACOMA

- 351. Air-Mac Inc. of Wash.
1003 Washington Bldg. (2)
Phone: BR 2-5388
- 352. All Bearing Service Inc.
2324 E. 11th St.
Phone: FU 3-2593
- 353. Amer. Plumbing & Steam
Supply
1908-16 Pacific Ave. (1)
354. Bartells Co., E. J.
678 E. 11th St. (2)
- 355. Bearing Sales & Service Co.
1743 Jefferson Ave. (2)
Phone: FU 3-5363
- 356. Campbell Industrial Supply
1924 Pacific Ave.
Phone: FU 3-2431
- 357. Continental Drill Corp.
3006 Center St. (3)
Phone: MA 7-3434
- 358. General Electric Co.
P. O. Box 1485
1216 Washington Bldg.
(1)
Phone: BR 2-8368
- 359. Globe Machine Mfg. Co.
301 E. 11th St. (2)
- 360. King, Homer
745 Tacoma (2)
Phone: MA 4455
- 361. Hunt-Mottet Co.
2112 Pacific Ave. (1)
- 362. Lee & Lee
8019 - 107th, SW.
Phone: JU 8-0976
- 363. Liftco Inc.
S. 19th at Jefferson
Phone: BR 2-1573
- 364. Masterson's Equip. Inc.
1711 Center St.
Phone: MA 7-1766
- 365. Mueller Brass Co.
2934 S. Sprague St. (2)
Phone: GR 4-9523-4
- 366. St. Paul & Tacoma Lumber
Co.
1220 St. Paul Ave. (1)
Phone: MA 7-6181
- 367. Short Saw & Knife Co.
2331 Ross Way (2)
Phone: FU 3-4377
- 368. Tucker & Sons
48th & Pacific
Phone: GR 4-8426

- 369. Wash. Belting & Rubber Co.
672 E. 11th St.
Phone: MA 7-8158
- 370. Wash. Hardware Co. Inc.
1247 Puyallup Ave.
P. O. Box 1437
- 371. Webster-Robinson Machin-
ery
1535 Bay St.
Phone: BR 2-0341

VANCOUVER

- 372. Prothero Auto Parts
211 E. McLaughlin Blvd.

WALLA WALLA

- 373. Amery & Sons Inc.
1011 N. 9th Ave.
Phone: JA 9-3130
- 374. White Brothers Co.
304 Mullan

WENATCHEE

- 375. Wells & Wade Inc.
Phone: NO 2-7173

YAKIMA

- 376. Air-Mac Inc. of Wash.
2520 S. 1st
Phone: CH 8-0777
- 377. Air-Mac Inc. of Wash.
3208 Jefferson
Phone: YA 2-1552
- 378. Industrial Air Products Co.
2325 S. 1st
Phone: GL 3-5675

YARDLEY

- 379. Brunner & Lay of Portland
Inc.
5311 E. Railroad Ave.
Phone: KE 5-6122

WEST VIRGINIA

BECKLEY

- 1. Anchor Sales Co.
373 Prince St.
- 2. Mabscott Supply Co.
570-71 Wickham Ave.
P. O. Box 1252
Phone: 3251
- 3. National Mine Service Co.
P. O. Box 32

BLUEFIELD

- 4. Bluefield Hardware Co.
Box 389
Phone: DA 7-5131
- 5. Bluefield Supply Co.
Princeton Ave. at Mercer
St.
Phone: DA 5-6131
- 6. Fairmont Supply Co.
P. O. Box 1260
- 7. General Electric Co.
P. O. Box 960
704 Bland St.
Appalachian Bldg.
Phone: DA 5-9118
- 8. Hewitt-Robins
1417 College Ave.
Phone: DA 5-6277
- 9. Pocahontas Welding Supply
Co.
U.S. Route 52, N.
P. O. Box 1256
Phone: DA 7-6147

BRISTOL

- 10. Oakite Products Inc.
Lake Floyd
Phone: Salem 5953

CAMERON

- 11. Cameron Tool & Supply Co.
Phone: 33

CHARLESTON

- 12. A & I Supply Co.
614 Virginia St., W.
Phone: 68-2401
- 13. Allis-Chalmers
179 Summers St. (1)
Phone: DI 5-9505
- 14. Baker Equip. Engrg. Co.
Inc.
404 Morris St.
Phone: DI 43-441

- 15. Baldwin Supply Co.
P. O. Box 1546
207 Virginia St., W. (26)
Phone: DI 6-9661

- 16. Bearings Inc.
1516 Kanawha Blvd., W.
Phone: DI 6-0641

- 17. Blackwell, Bert M.
P. O. Box 386 (22)

- 18. Bolden Co., Wm. S.
P. O. Box 2506
3416 MacCorkle Ave., SE.
(29)
Phone: DI 3-5644

- 19. Capitol City Supply Co.
P. O. Box 833
544-552 Broad St.

- 20. Chandler-Boyd Co.
P. O. Box 513 (26)

- 21. Charleston Saw Works
1034 Bigley Ave. (2)
Phone: DI 6-9351

- 22. Cog Supply Co., The
11½ Capitol St.

- 23. Crane Packing Co.
1574 Virginia St., E.
Phone: DI 2-5651

- 24. Cutler-Hammer Inc.
P. O. Box 4012 (4)
Phone: WA 5-9293

- 25. General Electric Co.
P. O. Box 2313
306 MacCorkle Ave., SE.
(28)
Phone: DI 8-9421

- 26. Hess & Son, W. J.
P. O. Box 10066
3145 Washington St. W.
(2)
Phone: RI 4-1821

- 27. Hewitt-Robins
P. O. Box 4207 (4)
Phone: WA 5-2136

- 28. Industrial Equip. Co. Inc.
915 Brooks St. (23)
Phone: DI 3-7806

- 29. Jeffers & Moore
P. O. Box 4398
3416 Chesterfield Ave. (4)
Phone: 2-2875

- 30. Linde Co.
3510 MacCorkle Ave., SE.
(4)

- 31. Machinery Inc.
2855 Piedmont Rd.
1206 Kanawha Blvd., E.
Phone: DI 4-4415

- 32. Mason, James
1352 Hansford St.
Phone: DI 4-1761

- 33. Motor Car Supply Co.
1203 Virginia St. (26)

- 34. Payne, Henry E.
918 Kanawha Blvd., E. (1)
Phone: DI 3-1393

- 35. Persingers Inc.
520 Elizabeth St. (27)
P. O. Box 1946
Phone: 6-5341

- 36. Preston, S. M.
1029 E. Virginia St.
Phone: RI 4-8325

- 37. Process Instruments &
Equip. Co.
Box 2775 (30)

- 38. Process Supply Co.
1104 Central Ave. (2)
Phone: DI 6-4341

- 39. Reliance Electric & Engrg.
1210 Virginia St.
Phone: DI 3-7611

- 40. Va. Welding Supply Co.
114-116 Virginia St., E.
Phone: DI 3-4551

- 41. Virginian Electric Co.
Box 2833 (30)

- 42. Warehouse Service Co.
1601 4th Ave. (2)
Phone: DI 2-2711

- 43. Wesco Corp.
3400 MacCorkle Ave., SE.

- 44. Osborn Machinery Co. Inc.

- 45. Baker Equip. Engrg. Co.
Inc.
250 Monticello Ave.
Phone: MA 46-368

- 46. Osborn Machinery Co. Inc.

- 47. Valley Supply Co.
Railroad & 11th St.

- 48. Fairmont Supply Co.
P. O. Box 952
Phone: 2110

- 49. General Electric Co.
P. O. Box 1626
310 Jacobs Bldg.
Phone: 313

- 50. Hewitt-Robins
Upper Circle, Peacock
Park
Phone: FA 4883

- 51. Tri-City Welding Co.
P. O. Box 446

- 52. Baker Equip. Engrg. Co. Inc.
526 29th St.
Phone: JA 2-0373

- 53. Banks-Miller Supply Co.
330 3rd Ave.
Phone: JA 5-9141

- 54. Bearings Inc.
2761 5th Ave.
Box 3087
Phone: JA 3-6446

- 55. Belmar Co., The
P. O. Box 1719

- 56. Cleveland Tramrail Hun-
tington Co.
713 5th Ave. (1)
Phone: JA 2-8105

- 57. Emmons-Hawkins Hardware
Co.
1028-32 3rd Ave. (1)
Ensign Electric & Mfg.
914-30 Adams Ave.
Phone: JA 2-8343

- 58. Enslow Machinery Co.
1401-03 8th Ave. (9)
Phone: JA 9-7135

- 59. Houghton & Co., E. F.
P. O. Box 1744 (19)
Phone: JA 2-8598

- 60. Industrial Supply Co.
645 3rd St.

- 61. Jeffers & Moore
P. O. Box 451
Room 401, Hines Bldg.

- 62. Meisel Machinery Co.
1501 Washington Ave. (6)
Phone: HA 9-2821

- 63. Oakite Products Inc.
P. O. Box 1372 (15)
Phone: JA 2-7096

- 64. Sterling Supply Co.
850 W. 7th St. (4)
Phone: JA 3-2748

- 65. Sun Oil Co.
13th & Beach Sts.
Phone: JA 3-9045

- 66. Thornburg Co. Inc., C. I.
2835 Collis Ave. (3)
Phone: JA 3-3484

- 67. Timken Roller Bearing Co.,
The
Room 403, Hines Bldg.
(1)
916 5th Ave.
Phone: JA 2-1260

- 68. Truitt Co., H. H.
540 31st St.
Phone: 37833

- 69. W. Va. Electric Supply Co.
550-3rd Ave.

- 70. Marathon Coal Bit Co. Inc.
Box 31
Phone: HI 2-2478

- 71. Gordon Auto Parts
2nd & Cedar
Phone: TI 5-3440

- 72. Bearings Inc.
713 Gladstone St.
Phone: GA 2-5478

- 73. Fairmont Supply Co.

ELKINS

- 47. Valley Supply Co.
Railroad & 11th St.

WEST VIRGINIA

FAIRMONT

- 48. Fairmont Supply Co.
P. O. Box 952
Phone: 2110
- 49. General Electric Co.
P. O. Box 1626
310 Jacobs Bldg.
Phone: 313
- 50. Hewitt-Robins
Upper Circle, Peacock
Park
Phone: FA 4883
- 51. Tri-City Welding Co.
P. O. Box 446

HUNTINGTON

- 52. Baker Equip. Engrg. Co. Inc.
526 29th St.
Phone: JA 2-0373
- 53. Banks-Miller Supply Co.
330 3rd Ave.
Phone: JA 5-9141
- 54. Bearings Inc.
2761 5th Ave.
Box 3087
Phone: JA 3-6446
- 55. Belmar Co., The
P. O. Box 1719
- 56. Cleveland Tramrail Hun-
tington Co.
713 5th Ave. (1)
Phone: JA 2-8105
- 57. Emmons-Hawkins Hardware
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1028-32 3rd Ave. (1)
Ensign Electric & Mfg.
914-30 Adams Ave.
Phone: JA 2-8343
- 58. Enslow Machinery Co.
1401-03 8th Ave. (9)
Phone: JA 9-7135
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P. O. Box 1372 (15)
Phone: JA 2-7096
- 64. Sterling Supply Co.
850 W. 7th St. (4)
Phone: JA 3-2748
- 65. Sun Oil Co.
13th & Beach Sts.
Phone: JA 3-9045
- 66. Thornburg Co. Inc., C. I.
2835 Collis Ave. (3)
Phone: JA 3-3484
- 67. Timken Roller Bearing Co.,
The
Room 403, Hines Bldg.
(1)
916 5th Ave.
Phone: JA 2-1260
- 68. Truitt Co., H. H.
540 31st St.
Phone: 37833
- 69. W. Va. Electric Supply Co.
550-3rd Ave.

MONTGOMERY

- 71. Marathon Coal Bit Co. Inc.
Box 31
Phone: HI 2-2478

MOUNDSVILLE

- 72. Gordon Auto Parts
2nd & Cedar
Phone: TI 5-3440

PARKERSBURG

- 73. Bearings Inc.
713 Gladstone St.
Phone: GA 2-5478

RAVENSWOOD

- 74. Fairmont Supply Co.

SALES OFFICES

SOUTH CHARLESTON

75. Syntron W. Va. Sales Co.
225 7th Ave. (3)
Phone: RI 4-3505
76. Will Corp. of W. Va.
Box 204-Spring Hill Sta.
(3)

SPENCER

77. Starcher Inc., Willard C.
124 Vandale Ave.

VIENNA

78. Motch & Merryweather Machinery Co.
4500 3rd Ave.
Phone: AX 5-3602

WHEELING

79. Bearings Inc.
518 Main St., Box 809
Phone: CE 3-4250
80. Bellows-Valvair
710 Hawley Bldg.
Phone: CE 2-1593
81. Berry Supply Corp.
1228-30 Water St.
82. Famous Furnace & Supply Co.
2300 Market St.
83. General Electric Co.
40 14th St.
Phone: 108
84. Keener-Groman Co.
1309 Main St.
85. Oakite Products Inc.
116 Euclid Ave.
Phone: CH 2-3950
86. Rooker, Harvey E.
Fairview Addition-Mozart
Phone: CE 2-2245
87. Scott Air Corp.
3825 Jacob St.
P. O. Box 612
Phone: CE 2-6006
88. Sun Oil Co.
Stop #22, River Rd.
Phone: CR 7-1122
89. Trimble & Lutz Supply Co.
112-122 19th St.
Phone: CE 2-0950
90. Wheeling Plumbing & Industrial Supply Co.
111 19th St.
Phone: CE 3-3340

WILLIAMSON

91. Persinger Supply Co.
P. O. Box 491
92. Tri-State Welding Co.
P. O. Box 1348
Route 52, W.
Phone: 1611
93. Williamson Supply Co.

WISCONSIN

APPLETON

1. Allis-Chalmers
1000 W. College Ave.
Phone: RE 4-4577
2. Allis Co., The Louis
1713 S. Onelda St.
Phone: RE 3-8995
3. Bahcall Inc., I.
975 N. Meade St.
Phone: RE 3-7350
4. Chain Belt Co.
Irving Zuelke Bldg.
103 W. College Ave.
Phone: RE 4-4944
5. Clayton Sales Co.
P. O. Box 711
Phone: RE 3-2945
6. Cutler-Hammer Inc.
Irving Zuelke Bldg.
103 W. College Ave.
Phone: RE 4-3513
7. General Electric Co.
510 W. College Ave.
Phone: RE 4-4536
8. Kirkeide, Raymond
1119 W. Oklahoma St.
Phone: RE 3-1588
9. Langstadt Electric Supply
1534 W. Civic St.
10. Machinery & Supplies Inc.
110 N. Outagamie St.
P. O. Box 925
Phone: RE 3-1357

11. Miller Electric Mfg. Co. Inc.
330 W. Seymour
Phone: RE 3-9403
12. Reliance Electric & Engrg. Co.
1103 W. Wisconsin Blvd.
Phone: RE 9-1241
13. Valley Industrial Sales
321 N. Appleton
P. O. Box 77
Phone: RE 3-0387
14. Valley Welding Supply Co.
1236 W. Wisconsin Ave.
Phone: RE 4-7173
15. Wis. Bearing Co.
1253 W. Wisconsin Ave.
Phone: RE 3-7346

BELOIT

16. Beloit Industrial Supply Co.
1262 Nelson Ave.
Phone: EM 2-8883
17. Beloit Iron Works
18. Crowley, John
1005 Milwaukee Rd.
Phone: EM 5-7357
19. Gardner Machine Co.
Phone: EM 9-2251
20. Magill, R. C.
P. O. Box 674
Phone: EM 2-3853
21. Welder Supply Co.
111 Barrett Pl.
Phone: EM 5-5857
22. Yates-Amer. Machine Co.
Phone: EM 5-7731

BROOKFIELD

23. Fluid Power Controls Div.
12605 Pinewood Rd.
24. Froelicher, J.
320 N. Elmridge Ave.
Phone: SU 2-4824
25. Milwaukee Engine & Equip. Co.
3125 N. 136 St.
26. Wolter, Robert J.
2540 N. Indian Trail
Phone: SU 2-5841

BUTLER

27. McGuire Co. Inc.
13380 W. Silver Spring Dr.
Phone: SU 1-7820
28. Merwin-Stoltz Co.
5254 N. 124th St.
Phone: HO 3-5290
29. Miller, Richard
W156 N5731 Cherylin Dr.
Phone: SU 1-9336
30. Ziv Steel & Wire Co.
5139 N. 124th St.
Phone: SU 1-5615

CEDARBURG

31. Holzhay, Otto
330 3rd Ave.
Phone: 4596

CUDAHY

32. Milwaukee-Cylinder Co.
5757 S. Pennsylvania Ave.
(7)
Phone: HU 1-4330

DE PERE

33. Wis. Industrial Truck Co. Inc.
201 S. Broadway
Phone: ED 6-9656

DOUSMAN

34. Haefter, Robert
219 E. Ottawa Ave.
Phone: DO 2031

EAGLE

35. Bliss Co., E. W.
Route #2
36. Turner, Jr., A. F.
Park & Sherman
Phone: EA 991

EAU CLAIRE

37. Anderson, E. L.
2814 Clark Pl.
Phone: TE 2-2350
38. Production Equip. Co.
319 N. Barstow St.
Phone: TE 2-3483
39. Welders Supply Co.
1929 Harle St.

ELM GROVE

40. Gisholt Machine Co.
13300 Watertown Plank Rd.
Phone: SU 6-5640
41. Haldy Equip. Co.
P. O. Box 591
Phone: SU 2-4020
42. Harwood, H. M.
Box 867
Phone: SU 2-6011
43. Masek, Fred G.
1765 Fairhaven Blvd.
44. Parlon, William L.
1835 Westmoor Terrace
Phone: SU 2-6200
45. Pratt & Whitney Co. Inc.
P. O. Box 873
Phone: GL 3-7650
46. Ripple, Robert J.
1700 Wrayburn Rd.
Phone: SU 2-8626

FOND DU LAC

47. Giddings & Lewis Machine Tool Co.
475 S. Seymour St.
Phone: WA 1-9400

GREEN BAY

48. A-C Supply Co. Inc.
1741 Willow St.
Phone: HE 7-6545
49. Badger Bearing Co.
933 Vanderaak St. at N. Webster Ave.
Phone: HE 7-7678
50. Bay Verte Machinery Co.
127-131 N. Pearl St.
Phone: HE 5-4437
51. Danz Paint & Supply co.
320 Main St.
Phone: HE 2-4893
52. Herlache Industrial Supply
1121 N. Broadway
Box 1153
Phone: HE 2-8669
53. Hopkins, Merrill R.
2642 Beaumont St.
Phone: HE 7-3600
54. Lift Parts Service Co.
1672 Cass St.
Phone: HE 2-6277
55. Oakite Products Inc.
1643 S. Webster
Phone: HE 7-0613
56. Thew Supply Co., W. E.
339 S. Broadway
Phone: HE 7-3228

HARTLAND

57. Crane Packing Co.
Box 30A, Route #1
Phone: FO 7-6328

KENOSHA

58. Amer. Brass Co., The
1420 63rd St.
Phone: OL 7-5111
59. Badger Bearing Co.
880 Sheridan Rd.
Phone: OL 4-5395
60. Famco Milling Machine Co.
8160 Sheridan Rd.
Phone: OL 4-3516
61. Kelsey Welding & Engrg. Co., H. R.
6915-30th Ave.
62. Munson, Stanley T.
7700 3rd Ave.
Phone: OL 4-5960
63. Slater, Henry W.
R. #1, Box 227
Phone: OL 4-8127
64. Snap-on Tools Corp.
65. Universal Engrg. Sales Co.
5035 6th Ave.
Phone: OL 8-8850

LA CROSSE

66. Burns Machinery Co., F. W.
332 Copeland Ave.
Phone: 2-5394
67. Oakite Products Inc.
2611 Glendale Ave.
Phone: 3-8548
68. Randall-Graw Co. Inc.
1007 Monitor St.
Phone: 4-8228

WISCONSIN

69. Standard Design Manufacturers & Supply Co.
2520 Chase St.
Phone: LA Crosse 4-5450
70. Tausche Hardware Co., V.
203 S. 4th

LAKE GENEVA

71. Disston Div.
760 S. Shore Dr.
Phone: CH 8-2138
72. Guntermann, A. E.
South St.

MADISON

73. Allison, Ron
5925 Mayhill Dr. (5)
Phone: CE 3-3644
74. Badger Welding Supplies Inc.
101 S. Dickinson St. (4)
Phone: AL 7-1483
75. Colman Co., R. B.
P. O. Box 15 (1)
Phone: AL 6-6353
76. Culver Electric
637 E. Washington
77. Eia Co., Richard E.
744 Williamson St. (1)
P. O. Box 1108
Phone: AL 6-1961
78. General Sales & Supply Co.
1406 Williamson Ave.
79. Gordon Engrg. Inc.
1882 E. Main St.
Phone: CH 4-6292
80. Jacob Brothers
753 University
81. Kessenich Co., Fred H.
2041 Winnebago St. (4)
P. O. Box 3007
Phone: CH 4-2250
82. Oakite Products Inc.
6015 Gateway Green (4)
Phone: AC 2-1840
83. Wiedenbeck, Dobelin Co.
619 W. Mifflin St. (3)
84. Wis. Bearing Co.
301 S. Blount St. (3)
85. Wis. Supply
629 E. Main St.
86. Wolff-Kubly-Hirsig
30 N. Carroll St. (3)

MANITOWOC

87. Bellows-Valvair
825A S. 8th St.
Phone: MU 2-5691
88. Schnorr Co., William F.
1921 S. 10 St.
Phone: MU 4-3555
89. Stangel Hardware Co., J. J.
8th at Quay
Phone: MU 4-3313

MARINETTE

90. Interstate Welding Sales Co.
1810 Marinette Ave.
Phone: RE 5-5533
91. Prescott Supply, Don S.
1069 Sheridan Rd.

MILWAUKEE

92. A. B. Plating Supply Co.
3420 W. Pierce St. (15)
Phone: EV 3-0499
93. A-C Supply Co.
2302 W. Clybourn (3)
Phone: DI 2-1161
94. A-L Tool Supply Co.
1000 S. 16th St. (4)
Phone: OR 2-4200
95. Aaron & Assoc. Inc., Irvin I.
829 N. Marshall St. (2)
Phone: BR 6-8515
96. Abrasive Specialists of Wis.
3445 W. Forest Home Ave.
(15)
Phone: MI 5-3674
97. Acme Inc.
619 S. 70th St. (14)
Phone: GL 3-5320
98. Acme Machell Co.
2930 W. Burleigh St. (10)
Phone: UP 1-9490

SALES OFFICES

WISCONSIN

MILWAUKEE (cont.)

99. Acme Steel Co.
312 E. Wisconsin Ave. (2)
Phone: BR 1-2561
100. Acro Welder Mfg. Co.
1719 W. St. Paul Ave. (3)
Phone: WE 3-6250
101. Air Equip. Sales
5856 N. Port Washington
Rd.
Phone: WO 4-2888
102. Alemite Co. of Wis. Inc.
1010 N. Van Buren St. (2)
Phone: BR 6-2434
103. Allan Engrg. Co. Inc.
720 E. Mason St. (2)
Phone: BR 6-5239
104. Allegheny Ludlum Steel
Corp.
3800 N. 1st St. (12)
Phone: WO 4-3500
105. Allen-Bradley Co.
224 W. Greenfield Ave.
(4)
Phone: OR 1-2000
106. Allied Tool Products Inc.
2105 W. Auer Ave. (6)
Phone: HI 4-9540
107. Allis-Chalmers
2040 W. Wisconsin Ave.
(3)
Phone: WE 3-1736
108. Allis Co., The Louis
1125 W. National Ave.
Phone: MI 5-2902
109. Allrubber Products & Sup-
ply
612 S. Second St. (4)
Phone: BR 3-4900
110. Aluminum Co. of Amer.
2040 W. Wisconsin Ave.
(3)
Phone: DI 2-7110
111. Amer. Brass Co., The
1033 W. Bruce St. (4)
Phone: MI 5-4775
112. Amer. Equip. Co. Inc.
1128 N. Watco St. (2)
Phone: BR 2-1415
113. Amer. Machinery Co.
453 N. Plankinton Ave.
(3)
Phone: BR 1-7016
114. Ampco Metal Inc.
1745 S. 38 St. (46)
Phone: MI 5-3750
115. Anderson & Co., A. A.
3809 W. Vilet St.
Phone: WE 3-7997
116. Anderson, Don L.
2333 W. Wells St.
Phone: DI 2-2696
117. Anderson, Ralph C.
2942 N. 59th St.
118. Anderson Co., S. W.
6033 W. Blue Mound Rd.
Phone: Blue Mound 8-6118
119. B & B Sales Co.
229 N. Water St. (2)
Phone: BR 6-0808
120. Babcock & Wilcox Co., The
2430 S. 28th St. (15)
Phone: MI 5-4530
121. Babush Co., Joseph S.
2401 N. Maryland Ave.
(11)
Phone: BR 1-9550
122. Bader Industrial Trucks
3822 W. National (15)
Phone: EV 4-7565
123. Badger Bearing Co.
1125 N. Van Buren St. (1)
Phone: BR 2-0231
124. Barber-Colman Co.
5906 N. Port Washington
Rd. (17)
Phone: WO 2-7850
125. Bauer Supply Co., R. J.
1112 N. Water St. (2)
Phone: BR 1-4792
126. Beck Co., H. E.
510 E. Kilbourn Ave. (2)
Phone: BR 6-2899
127. Bell Steel Sales
606 W. Wisconsin Ave.
Phone: BR 6-3290

128. Bell-Well Sales Co.
1311 N. Water St.
Phone: BR 2-2075
129. Bellows-Valva
7536 W. State St. (13)
Phone: GR 6-3504
130. Bentley Sales Co.
646 S. 29th St. (48)
Phone: MI 5-3270
131. Best Engrg. Co.
4528 W. Greenfield Ave.
Phone: EV 3-4818
132. Bethlehem Steel Co.
1st Wis. Natl. Bank Bldg.
735 N. Water St. (2)
Phone: BR 1-6450
133. Beverly Co. Inc., Grant E.
5856 N. Port Washington
Rd. (17)
Phone: WO 2-2294
134. Binzel, Clarence W.
305-307 Century Bldg.
808 N. 3rd St.
Phone: BL 8-2445
135. Black & Decker
6301 Blue Mound Rd. (13)
Phone: BL 8-2445
136. Blakeslee & Co., G. S.
100 S. 2nd St. (4)
Phone: BR 1-3833
137. Bliss & Laughlin Inc.
1324 W. Wisconsin Ave.
(3)
Room 415-416
Phone: DI 2-2940
138. Brady Co., W. H.
727 W. Glendale Ave. (9)
Phone: ED 2-8100
139. Braeburn Alloy Steel Corp.
647 W. Virginia St. (4)
Phone: BR 1-2525
140. Breidster Co., W. F.
229 E. Wisconsin (2)
Phone: BR 3-5597
141. Bridgeport Brass Co.
4608 W. Burrell St. (10)
Phone: HI 5-5654
142. Broshot, E. W.
2333 W. Wells St. (3)
Phone: DI 2-1786
143. Bullard Co., The
5033 W. Blue Mound Rd.
(13)
Phone: BL 8-4680
144. Burns Machinery Co., F. W.
1730 W. North Ave. (5)
Phone: FR 4-1540
145. Carpenter Brothers Inc.
606 W. Wisconsin Ave. (3)
Phone: BR 6-0140
146. Carpenter Steel Co., The
4152 N. 35th St. (16)
Phone: UP 3-0530
147. Carrier Corp.
310 Commerce Bldg.
755 N. 4th St. (3)
Phone: BR 3-8068
148. Century Electric Co.
Suite 1002, Wis. Tower
Bldg.
606 W. Wisconsin Ave. (3)
Phone: BR 3-6620
149. Chain Belt Co.
4532 W. Greenfield Ave.
(14)
Phone: EV 4-3000
150. Chase Brass & Copper Co.
1741 W. St. Paul Ave. (1)
P. O. Box 501
Phone: DI 2-7630
151. Chavez-Flamme
6411 River Parkway.
Phone: BL 8-9815
152. Chicago Pneumatic Tool Co.
5820 W. Blue Mound Rd.
Phone: BL 8-2080
153. Chicago Rawhide Mfg. Co.
6915 W. Capitol Dr. (16)
Phone: HO 3-5310
154. Clague Co., R. H.
759 N. Milwaukee St. (2)
Phone: BR 2-1951
155. Clark Controller Co., The
6108 W. Lincoln Ave. (19)
Phone: LI 3-5333
156. Cleveland Tramrail Sched-
ler Co.
7011 W. North Ave. (13)
Phone: BL 8-9860
157. Collision Tool Supply Inc.
6915 W. Capitol Dr.
Phone: HO 4-4200

MILWAUKEE (cont.)

158. Columbia Tool Steel Co.
5202 W. Lincoln Ave. (19)
Phone: LI 3-5200
159. Continental Industries
3906 N. Sherman Blvd.
(16)
Phone: UP 3-0899
160. Copps Inc., J. W.
333 W. Silver Spring Dr.
(17)
Phone: WO 2-1211
161. Cordes Supply Co.
1325-31 N. 7th St. (5)
Phone: BR 1-5912
162. Cordon Co., Ray M.
3127 W. Greenfield Ave.
(15)
Phone: MI 5-1711
163. Cottress, Assoc., J. L.
Astor Hotel Bldg.
924 E. Juneau Ave. (2)
Phone: BR 2-0600
164. Crane Packing Co.
3803 N. Oakland Ave. (11)
Phone: WO 4-0660
165. Crane, Robert
3700 N. 52nd St. (18)
Phone: HI 5-2908
166. Crucible Steel Co.
P. O. Box 6007, Station
"F"
4200 W. Douglas Rd. (9)
Phone: HO 1-2900-6
167. Curriers' Tool Supply Co.
2518 N. 30th St. (10)
Phone: HI 4-1334
168. Cutler-Hammer Inc.
2312 W. Capitol Dr. (6)
Phone: BR 1-7800
169. Dancy Machine Specialties
Inc.
807 S. 14th St. (4)
Phone: EV 3-3195
170. Davis, Vernon H.
4150 N. Farwell Ave. (11)
Phone: WO 2-7899
171. Daystrom Inc.
617 N. 2nd St. (3)
172. Dean Machinery Co. Inc.
Room 1115-Milwaukee
Athletic Club
758 N. Broadway (2)
Phone: BR 3-5080
173. Deming, Homer J.
3533 W. Elm St. (9)
Phone: FL 2-2960
174. Dependable Engrg. Service
Inc.
4407 W. North Ave. (8)
Phone: HI 2-6535
175. Design Products Co.
216 S. 2nd St. (4)
Phone: BR 3-5790
176. Detrex Chemical Industry
Inc.
100 W. Seeboth St.
Phone: BR 6-5190
177. DeVilbiss Co., The
6915 W. Capitol Dr. (16)
Phone: HO 3-5850
178. Dickinson & Assoc., E. A.
4117 N. Green Bay Ave.
(9)
Phone: CO 4-1080
179. Dietzgen Co., Eugene
3910 W. Orchard St. (2)
Phone: OR 1-1518
180. DoALL Wis. Co.
2725 W. Oklahoma Ave.
(15)
Phone: MI 5-3810
181. Doig Fluid Controls
4385 N. Green Bay Ave.
(12)
Phone: CO 4-9350
182. Donald Sales & Mfg. Co.
6691 W. State St.
Phone: SP 4-7180
183. Donohue Co., O. P.
825 E. Glen Ave. (17)
Phone: ED 2-4318
184. Dorr Co., N. W.
5856 N. Port Washington
Rd. (17)
Phone: WO 4-3770
185. Dorsch, A. H.
Park & Shop Bldg.
13435 Watertown Plank
Rd., Elm Grove
Phone: SU 2-7150
186. Dow Corning Corp.
7030 W. North Ave. (13)
Phone: GL 3-0353
187. Dyke & Tutsch Co.
3253 N. Green Bay Ave.
(12)
Phone: FR 4-3128
188. Eckhardt, Howard W.
7516 Oakhill Ave. (13)
Phone: SP 4-4222
189. Eder Assoc.
7028 N. Clair Ct. (17)
Phone: FL 2-2658
190. Ehret & Kinsey
3904 W. Vilet St. (8)
Phone: DI 2-7844
191. Ekstrom Co., C. A.
2734 W. Wells St. (8)
Phone: DI 2-8440
192. Electric Sales & Engrg. Co.
2209 S. 1st St. (7)
Phone: HU 3-4722
193. Electric Supply Corp.
1223 S. 23rd St. (4)
Phone: OR 1-1178
194. Electri-Craft Co.
2124 N. 3rd
Phone: LO 2-6055
195. Elgin National Watch Co.
744 N. 4th St.
Phone: BR 3-5838
196. Ellis Engrg. Co., R. E.
743 N. 4th St. (3)
Phone: BR 1-1742
197. Engman Taylor Co. Inc.
2830 W. Stark St. (9)
Phone: UP 3-2520
198. Equip. Planning Inc.
5604 W. North Ave. (10)
Phone: HI 3-0143
199. Erb, Walter
616 N. 2nd St.
200. Erbach, John
4003 W. Capitol Dr. (16)
Phone: UP 1-8022
201. Easley Machinery Co., E. L.
5856 N. Port Washington
Rd.
Phone: BR 1-1295
202. Ex-Cell-O Corp.
1413 S. 86th St. (14)
P. O. Box 2554
Phone: SP 4-3680
203. Fafnir Bearing Co., The
711 W. Capitol Ave. (6)
Phone: FR 4-2010
204. Falk Corp.
3001 W. Canal St.
Phone: DI 2-3131
205. Fluid Power Equip. Inc.
3302 N. Green Bay Ave.
(12)
Phone: CO 4-0046
206. Ford Tool Co.
9630 Blue Mound Rd. (13)
Phone: SP 4-0980
207. Four States Machinery Co.
4435 W. Lisbon Ave.
Phone: UP 3-4010
208. Fraser, Miles E.
757 N. Broadway (2)
Phone: BR 6-4929
209. General Controls Co.
3812 W. Burnham St.
(15)
Phone: OR 1-4940
210. General Electric Co.
940 W. St. Paul Ave. (3)
Phone: BR 1-5090
211. Gerlinger Inc., Walter
610 W. Michigan St. (3)
Phone: BR 1-0673
212. Giannoni Co., A. T.
2332 S. Kinnickinnic Ave.
(7)
Phone: SH 4-0220
213. Gifford & Co., Ed
6471 W. Fond du Lac Ave.
(3)
Phone: HO 3-6400
214. Glenn & Co., J. J.
7915 N. Boyd Way (17)
215. Gordon Co., Claud S.
647 W. Virginia St. (4)
216. Great Lakes Rubber & Sup-
ply
3115 N. Teutonia Ave. (6)
Phone: BR 2-3121
217. Grimstad Co., J. M.
1001 S. 84th St. (14)
Phone: BL 8-5200

SALES OFFICES

MILWAUKEE (cont.)

218. Gute Co., The
606 W. Wisconsin Ave. (3)
Phone: BR 6-2422
219. Haker Co., F. D.
4225 W. Burnham St. (15)
Phone: EV 4-8550
220. Hammond Co., Larry
1551 N. 35th St. (8)
Phone: DI 2-6522
221. Hammond & Metcalfe
828 N. Broadway (2)
Phone: BR 3-4807
222. Harnischfeger Corp.
4601 W. Beloit Rd. (46)
Phone: OR 1-4400
223. Harris Calorific Sales
9030 W. Schlinger (14)
Phone: EV 3-7200
224. Harris Industrial Sales Co.
3125 W. Mill Rd. (9)
Phone: FL 2-7250
225. Hatch Co. Inc., The Gordon
531 W. Wisconsin Ave.
Phone: BR 1-3021
226. Haven Co., Charles D.
5856 N. Port Washington
Rd. (17)
Phone: WO 4-2880
227. Heald Machine Co., The
5241 W. Fond du Lac Ave.
(16)
Phone: HI 5-5540
228. Heaston, G. E.
10409 W. Woodward (22)
Phone: HO 6-0920
229. Herlinger, L. C.
4608 W. Burleigh St.
Phone: HI 5-7430
230. Hillman, John P.
620 N. 17th St.
231. Hoffman, Nels
8623 W. Hawthorne Ave.
(13)
Phone: GI 3-2229
232. Holt Electric Motor Co.
700 S. 5th St. (4)
Phone: MI 5-5680
233. Hopkins, Everett W.
3050 S. Superior St. (7)
Phone: HU 1-7444
234. Hoppe Industrial Supply
6909 W. Plainfield (19)
235. Houghton & Co., E. F.
10031 W. Lisbon Ave. (16)
Phone: HO 2-0770
236. Houston-Golz Co.
5715 W. National Ave.
237. I-T-E
210 W. Michigan St.,
Room 205 (3)
Phone: BR 1-7900
238. Industrial Hydraulic Co.
5404 Vilet St. (8)
Phone: BL 6-3500
239. Industrial Machinery Co.
810 W. National Ave. (4)
Phone: OR 2-3900
240. Ingerman Assoc. Inc.
500 W. National Ave. (4)
Phone: OR 2-7600
241. Inland Steel Co.
208 E. Wisconsin Ave. (2)
Phone: BR 6-4921
242. Jackson, R. H.
5894 N. Hollywood (17)
Phone: ED 3-1067
243. Jacobs Co., Morris F.
2218 N. 3rd St.
244. Johns-Manville Sales Corp.
4260 N. Teutonia (9)
245. Jordan Tool Sales Co.
7727 W. Burleigh St. (10)
Phone: HI 5-6800
246. Joys-Lutz Inc.
316 E. Silver Spring Dr.
(17)
Phone: ED 2-8020
247. Kearney & Trecker Corp.
6800 W. National Ave.
(14)
Phone: GR 6-8300
248. Keen Edge Saw Filing Co.
2501 W. Lisbon St. (5)
249. Keir Co., Earl
9824 W. Capitol Dr. (15)
Phone: HO 1-3003
250. Kel-Sir Co.
2700 W. Concordia (16)
Phone: HI 5-1550

251. Kemp-Manning Sales Co.
3316 W. Wisconsin Ave.
(8)
Phone: GR 6-8438
252. Kendall Machine & Tool
Sales
6915 W. Capitol Dr. (16)
Phone: HO 4-4200
253. Kennametal Inc.
744 N. 4th St. (3)
Phone: BR 6-0768
254. Kessenich Co., Fred H.
4528 W. Greenfield Ave.
(14)
Phone: EV 4-2151
255. Keystone Pipe & Supply Co.
3232 Fond du Lac Ave.
(10)
Phone: HI 2-9456
256. Kindt-Collins Co., The
2128 W. National Ave. (4)
Phone: OR 2-6954
257. Kilinger, William A.
743 N. 4th St. (3)
Phone: BR 1-7390
258. Knoller, Marvin A.
4908 N. Cumberland Blvd.
(17)
Phone: WO 4-8964
259. Knuth Co., Adam
3905 W. Vilet (8)
Phone: DI 4-1650
260. Koehring Co.
3042 W. Locust St. (16)
Phone: WE 3-7080
261. Korf Co., A. F.
8221 N. Pelican
Phone: FL 4-8450
262. Kramer Industrial Sales Co.
4117 W. North Ave. (8)
Phone: HI 2-9680
263. Krueger, E. R.
4347 N. 68th St.
Phone: HO 1-5067
264. Kuehn Co., N. L.
3747 N. Booth St.
Phone: WO 4-3200
265. Ladky & Assoc., Frank W.
4604 N. Wilson Dr. (11)
Phone: WO 2-2942
266. Lakeshore Machinery Co.
2200 N. 11th St. (5)
Phone: CO 4-4817
267. Larson & Hawley Inc.
3811 N. Port Washington
St. (12)
Phone: CO 4-2210
268. La Salle Steel Co.
1st Wis. Nat'l Bank Bldg.
735 N. Water St. (2)
Phone: BR 1-8218
269. Latrobe Steel Co.
2040 W. Wisconsin Ave.
(3)
Phone: DI 2-8335, ZE 4684
270. Lawson Sales
3913 N. 35th St. (16)
Phone: UP 3-4113
271. Learned & Furey Co.
2315 W. Vilet (5)
Phone: DI 2-2909
272. Leeds & Northrup Co.
828 N. Broadway (2)
Phone: BR 2-1016
273. Leonard Co.
5532 W. Center St. (10)
Phone: HI 2-4120
274. Lincoln Electric Co., The
5300 N. Sherman Blvd.
(9)
Phone: HO 3-5300
275. Lindberg Engrg. Co.
9137 W. Lisbon Ave. (22)
Phone: HO 2-3420
276. Linde Co.
1623 S. 38th St. (46)
Phone: MI 5-2200
277. Linnehan Welding Supply
Co.
3235 W. Cameron Ave.
(9)
Phone: UP 3-7170
278. Luft, Lawrence
4357 N. 75th (16)
Phone: HO 4-4508
279. Luther & Pedersen Inc.
5856 N. Port Washington
Blvd. (17)
Phone: WO 4-4710

MILWAUKEE (cont.)

280. M & H Engrg. Inc.
5624 W. Vilet St. (8)
Phone: GR 6-8003
281. Machinery & Welder Corp.
3623 W. National Ave.
(15)
Phone: MI 5-1790
282. MacKinnon, Robert P.
2500 E. Jarvis St. (11)
Phone: ED 3-0276
283. Madigan Co., Dan F.
871 E. Silver Spring Ave.
Phone: ED 3-3190
284. Maintenance Supply Co.
4414 S. Burrell St. (7)
Phone: SH 4-3969
285. Malischke Co., Charles
2518 N. 30th St. (10)
Phone: HI 2-0764
286. Marathon Electric Mfg.
Corp.
316 E. Silver Spring Dr.
(17)
Phone: WO 2-7500, 2-7501
287. Marlin-Rockwell Corp.
3904 W. Vilet St. (8)
Phone: DI 2-6864
288. Marshall & Huchart Ma-
chinery Co.
5624 W. Vilet St. (8)
Phone: BL 8-3118
289. Martin, Harold H.
744 N. 4th St.
Phone: BR 3-5838
290. McCoy Co., John L.
4003 W. Capitol Dr. (16)
Phone: UP 1-9150
291. McKinley, G. B.
P. O. Box 3668 (17)
Phone: WO 2-1166
292. Meier Co., The S. A.
6912 W. North Ave. (13)
Phone: BL 6-2385
293. Melcher, C. E.
4770 N. 19th Pl. (9)
Phone: WO 2-6722
294. Mercer Co., The
4738 W. Lisbon Ave. (8)
Phone: HI 4-0108
295. Mercer & Sons, Harold H.
8121 Hillcrest Dr. (13)
P. O. Box 24
Phone: BR 2-2411
296. Merit Machine Tools Co.
225 E. Detroit St. (2)
Phone: BR 1-2768
297. Merwin-Stoltz Co.
228 S. 1st St.
Phone: BR 2-0211
298. Micro Switch
5520 W. Burleigh St. (10)
Phone: HI 5-3991
299. Mid-West Hydraulics Inc.
6033 W. Blue Mound Rd.
Phone: GR 6-3981
300. Midwest Saw & Knife Co.
1014 N. 16th St.
Phone: DI 2-8263
301. Miedtke Paint Co.
4421 W. North Ave. (8)
Phone: DI 2-6211
302. Mielke & Bemm Inc.
1409 N. 27th St. (8)
Phone: DI 2-6211
303. Milhaupt Co., H. A.
407 E. Michigan St. (2)
Phone: BR 2-0741
304. Miller, C. O.
4233 N. Larkin St. (11)
Phone: ED 2-4706
305. Miller Co., George A.
1324 W. Wisconsin
Phone: DI 2-8263
306. Milwaukee Chaplet & Sup-
ply Corp.
8565 W. National Ave. (19)
Phone: SP 1-1111
307. Milwaukee Engrg. & Ma-
chinery Co.
Phone: HO 4-7200
308. Milwaukee Paint Products
2600 W. North Ave.
Phone: BL 8-1125
309. Modco Tools
6033 W. Blue Mound Rd.
Phone: BL 8-1125
310. Moe Brothers Milwaukee
Co.
1119 N. Water
Phone: HI 5-3191
311. Norman Belting & Supply
4271 W. 35th St. (18)
Phone: HI 5-3191

WISCONSIN

312. Morse Chain Co.
5856 N. Port Washington
Rd. (17)
Phone: WO 2-3330
313. Mueller Co., Paul B.
3504 W. Center St. (8)
314. National Refining Co.
206 W. Highland
Phone: BR 1-6119
315. National Utilities Co.
4934 N. 29th St. (9)
Phone: HI 4-5251
316. Neff Engrg. Co.
5908 N. Pt. Washington
Rd. (17)
Phone: ED 2-1579
317. Neff, Kohlbusch & Bissell
Inc.
3932 W. Appleton (10)
Phone: HI 4-9433
318. Nelson, Marshall
535 W. Green Tree Rd.
(17)
Phone: ED 2-7561
319. Nelson Sales Co.
8629 W. Greenfield Ave.
(14)
Phone: BL 8-0810
320. Nelson Stud Welding Div.
6040 W. Lisbon Ave. (10)
Phone: HI 4-4516
321. New Departure Division
GMC
Room 208
647 W. Virginia St. (4)
Phone: BR 6-4840
322. Newman Engrg. Co., Fred
153 E. Silver Spring Dr.
(11)
Phone: ED 2-1255
323. Nichol Machinery Co.
637 N. 7th St. (3)
Phone: BR 1-4944
324. Nordberg Mfg. Co.
3073 S. Chase (1)
Phone: SH 4-2345
325. Norman Engrg. Co.
743 N. 4th St. (3)
Phone: BR 2-0352
326. Northern Gases & Supplies
Co.
1831 W. Atkinson St.
Phone: HI 5-2267
327. Northwest Chemical Co.
3420 W. Pierce St. (15)
Phone: EV 3-0499
328. Northwestern Elevator Co.
3457 N. Holton Ave. (12)
Phone: WO 2-2110
329. Northwestern Hardware Co.
1209 N. 3rd St.
330. Norton Inc.
3976 N. Port Washington
(12)
331. Oakite Products Inc.
757 N. Broadway (2)
Phone: BR 6-7440
332. O'Conner Co., M. J.
2523 Hopkins St. (6)
Phone: UP 3-1323
333. O'Donohue Sales Co.
3818 N. Hubbard St. (12)
Phone: WO 2-3280
334. Ohio Knife Co., The
7915 Warren Ave. (13)
Phone: BL 8-2650
335. O'Neill, Paul
2332 W. Vilet St.
Phone: DI 4-6346
336. Paatsch Co., Fred C.
647 W. Virginia St. (4)
Phone: BR 1-8600
337. Pagel Machinery Co.
3430 N. 57th St. (16)
Phone: UP 3-8770
338. Pagel Safety Products Inc.
4615 W. National Ave.
(14)
Phone: MI 5-4141
339. Pangborn Corp.
606 W. Wisconsin Ave.
(3)
Phone: BR 2-2844
340. Papke Co. Inc., K. J.
406 N. Water St. (2)
Phone: BR 1-1012
341. Park Electric
3322 W. Lisbon
Phone: DI 4-1371

SALES OFFICES

WISCONSIN

MILWAUKEE (cont.)

- 342. Patzke Supply Co., O. F.
828 N. Broadway (2)
Phone: BR 2-3099
- 343. Pavlik Engrg. Co.
149 N. 74th St. (13)
Phone: GR 6-2017
- 344. Pearce Tool & Gage Co.
743 N. Fourth St. (3)
Phone: BR 2-1219
- 345. Peco Production Equip. Inc.
15842 W. Wisconsin Ave.
(13)
Phone: GR 6-6075
- 346. Portable Tool Co.
5530 W. Center St.
- 347. Porter Co. Inc., H. K.
2919 N. 84th St. (10)
Phone: GR 6-0692
- 348. Post Co., Frederick
2955 N. Humboldt Ave.
Phone: FR 4-4660
- 349. Pratt & Whitney Co. Inc.
9217 W. Center St. (10)
Phone: GL 3-7650
- 350. Precision Grinding Wheel
Co. Inc.
2039 W. State St. (3)
Phone: DI 4-7075
- 351. Prescott, Fred H.
828 N. Broadway
Phone: BR 3-4907
- 352. Price Engrg. Co.
4006 N. 42nd St. (16)
Phone: UP 3-1181
- 353. Production Equip. Inc.
10842 W. Wisconsin Ave.
(13)
Phone: GR 6-6075
- 354. Putrow Industrial Service
647 W. Virginia St. (4)
Phone: BR 2-7768
- 355. Pyro-Matic Industrials
3220 W. National Ave. (4)
Phone: EV 4-9300
- 356. Redi-Products Co.
211 S. 2nd St. (4)
Phone: BR 3-4800
- 357. Reichhold Chemicals Inc.
1409 N. 27th St. (8)
Phone: WE 3-1550
- 358. Reilly Equip. Co.
4014 N. Wilson Dr. (11)
Phone: WE 3-1550
- 359. Reliance Electric & Engrg.
Co.
1410 E. Capitol Dr.
Phone: WO 2-8300
- 360. Rempfer & Assoc., E. E.
432 Empire Bldg.
Phone: BR 3-5826
- 361. Republic Steel Corp.
1st Wis. National Bank
Bldg. (2)
Phone: BR 6-7511
- 362. Revere Copper & Brass Inc.
828 N. Broadway (2)
Phone: BR 1-1440
- 363. Rex Tool Co. Inc.
2633 W. Clybourn St. (3)
Phone: WE 3-4078
- 364. Reynolds Metals Co.
1412 Majestic Bldg. (3)
Phone: BR 1-1051
- 365. Richards-Badger-Packard
Co.
2409 W. Capitol Dr. (6)
Phone: UP 3-8860
- 366. Richards, James H.
8636 W. Congress St. (18)
Phone: HO 4-7532
- 367. Richards Machinery Co., L.
L.
6455 W. River Parkway.
(13)
Phone: SP 1-3120
- 368. Rickert Industrial Supply
Co.
4247 N. 35th St. (16)
Phone: HI 5-0265
- 369. Riley & Co. Inc., Donald E.
2250 N. 58th St. (8)
Phone: UP 1-9570
- 370. Ritter Engrg. Co.
5120 Blue Mound Rd. (8)
Phone: GR 6-9000
- 371. Robillard Co., W. E.
4528 W. Greenfield Ave.
(14)
Phone: EV 3-4818
- 372. Rosche, Oscar E.
817 N. 73rd St. (13)
Phone: BL 8-4024
- 373. Rotor Tool Co., The
2325 W. Wells St.
Phone: DI 2-1961
- 374. Rowe Equip. Co.
647 W. Virginia St. (4)
Phone: BR 1-5343
- 375. Ryerson & Son Inc., Jos. T.
500 S. 88th St. (1)
Box 534
Phone: GL 3-8000
- 376. SKF Industries Inc.
4730 W. Fond du Lac Ave.
(16)
Phone: HI 2-5990
- 377. Schaller, William
5200 N. Santa Monica
Blvd. (17)
Phone: BR 1-2128
- 378. Schneider Equip. Sales
905 S. 28th St. (15)
Phone: MI 5-7850
- 379. Schneider & Assoc., John H.
101 W. Dunwood Rd.
Phone: FL 2-6226
- 380. Schrade-Batterson Co., The
2040 W. Wisconsin Ave.
(3)
Phone: WE 3-6224
- 381. Schuerer Sales, Ed
2625 N. 111th St. (10)
Phone: GL 3-2960
- 382. Schuette Industrial Sales
6040 W. Lisbon Ave. (10)
Phone: HI 4-4860
- 383. Schultz Co., E. L.
3239 N. 79th St. (16)
Phone: HI 4-7001
- 384. Schwaab Stamp & Seal Co.
547 N. Water St.
- 385. Screw Machine Tool & Sup-
ply
647 W. Virginia Ave. (4)
Phone: BR 1-8600
- 386. Select Machine Sales
5230 N. 124th St. (18)
Phone: HO 3-7270
- 387. Shadbolt & Boyd Co.
413 N. 2nd St.
P. O. Box 2059
Phone: BR 6-0682
- 388. Simeth Co., E. L.
2406 W. Greenfield Rd.
Phone: OR 2-2-57
- 389. Sinclair Refining Co.
301 E. Washington (4)
- 390. SKIL Corp.
9209 W. Bluemound Rd.
(13)
Phone: GL 3-1872
- 391. Snap-on Tools Corp.
3450 N. 84th St. (22)
Phone: UP 1-3220
- 392. South Chester Corp.
743 N. 4th St.
Phone: BR 3-7666
- 393. Spaulding Fibre Co. Inc.
8338 W. Lisbon Ave. (22)
Phone: UP 1-3680
- 394. Speaker Conveyor Sales Inc.
316 E. Silver Spring Dr.
(17)
Phone: WO 2-8900
- 395. Spence Corp.
2045 W. St. Paul Ave. (3)
Phone: WE 3-2967
- 396. Staley Co., John A.
7316 W. Maple Terrace
(13)
Phone: GR 6-1772
- 397. Standard Oil Co.
5310 W. Capitol Dr. (16)
Phone: HI 2-8916
- 398. State Machine Tool Co.
506 W. National Ave.
Phone: OR 2-2290
- 399. Stoffel Equip. Co.
5300 N. Sherman Blvd.
(9)
Phone: HO 3-4900
- 400. Stoffregen Co., Karl W.
430 W. Acacia Rd. (17)
Phone: FL 2-8181
- 401. Stowers Equip. Co. Inc.
5100 W. Good Hope Rd.
(18)
Phone: FL 5-5100

MILWAUKEE (cont.)

- 402. Strange & Sanford Co.
8629 W. Greenfield Ave.
(14)
Phone: LI 7-4943
- 403. Strehlow Co., The
6227 W. Greenfield Ave.
(14)
Phone: GR 6-4004
- 404. Strong & Assoc., L. D.
6110 N. Berkeley Blvd.
(17)
Phone: WO 2-8000
- 405. Strutz & Mead Co.
2332 W. Vilet St. (5)
Phone: DI 4-4346
- 406. Summerill Tubing Co. Div.
606 W. Wisconsin Ave.
(3)
Phone: BR 6-3290
- 407. Syntrol Milwaukee Sales
Co.
3904 W. Vilet St. (8)
Phone: DI 2-6010
- 408. Ternes Tool Sales
155 E. Silver Spring Dr.
(17)
Phone: WO 2-1023
- 409. Thompson Co., C. L.
4417 W. Lisbon Ave. (8)
Phone: HI 4-4817
- 410. Thor Power Tool Co.
3911 W. Greenfield Ave.
(15)
Phone: MI 5-2016
- 411. Thuemling & Assoc., Fred L.
4121 W. North Ave. (8)
Phone: HI 2-7810
- 412. Timken Roller Bearing Co.,
The
4444 W. Capitol Dr. (16)
Phone: HI 2-9446
- 413. Tools & Abrasives
1506 W. Pierce St.
- 414. Tool & Die Supply
647 W. Virginia St. (4)
Phone: BR 1-8600
- 415. Triplex Supply Co.
830 N. 3rd St. (3)
Phone: BR 1-7566
- 416. Ulichny Machine & Tool
Co., A. J.
10031 W. Lisbon Ave.
(22)
Phone: HO 3-4850
- 417. Valmiste Metals
8033 W. Blue Mound Rd.
Phone: BL 8-1125
- 418. Vascoloy-Ramet Corp.
5715 W. National Ave.
(14)
Phone: GR 6-7430-31
- 419. Vickers Inc.
7731 W. Burleigh Ave.
(10)
Phone: UP 1-0860
- 420. Viking Pump Co.
710 N. 6th St. (3)
Phone: BR 6-0807
- 421. Viking Welding Supply Co.
1230 N. 70th St. (4)
- 422. Voell Machinery Co., W. A.
5835 W. Bluemound Rd.
(13)
Phone: GR 6-0990
- 423. Wakefield-Krauthoff Co.
3709 W. Fond du Lac Ave.
(16)
Phone: UP 1-3381
- 424. Wales Strippit Inc.
2333 W. Wells St. (3)
Phone: WE 3-0852
- 425. Walsh Co., Joseph J.
2030 N. 31st St.
- 426. Ward & Kennedy Co.
1225 N. Water St. (2)
Phone: BR 6-2517
- 427. Warner & Swasey Co., The
Bockl Bldg.
2040 W. Wisconsin Ave.
(3)
Phone: DI 2-7996
- 428. West Chemical Products
Inc.
1351 W. Clybourn (3)
- 429. Western Iron Stores Co.,
The
101-103 W. Capitol Dr.
(1)
Phone: WO 4-2600
- 430. Westinghouse Air Brake Co.
1706 S. 68th St. (14)
Phone: GR 6-0891
- 431. Wilkinson, R. E.
3813 N. 35th (16)
Phone: HI 4-1008
- 432. Williams-Collins Inc.
2409 W. State St. (3)
Phone: DI 2-3850
- 433. Wis. Bearing Co.
1310 S. 43rd St. (14)
Phone: OR 2-9220
- 434. Wis. Industrial Truck Co.
Inc.
3040 W. Capitol Dr. (16)
Phone: UP 1-9500
- 435. Wis. Solvents & Chemicals
Corp.
1719 S. 83rd St. (14)
Phone: GR 6-2630
- 436. Wis. Tool & Machine Co.
Inc.
6528 W. North Ave. (13)
Phone: GR 3-7170
- 437. Wolff Co., H. A.
Plankinton Bldg., Suite
3142
161 W. Wisconsin Ave.
(3)
Phone: BR 1-4532
- 438. Wyckoff Steel Co.
7067 Plankinton Bldg.
161 W. Wisconsin Ave.
(3)
Phone: BR 6-4441
- 439. Zagar Inc.
647 W. Virginia St. (4)
Phone: BR 3-3843
- 440. Zimmerman, E. L.
1112 N. Water St. (2)
Phone: BR 1-4795

OCONOMOWOC

- 441. Williams, M. L.
P. O. Box 91
805 Lincoln Ct.
Phone: LO 7-5750

OSHKOSH

- 442. Badger Mill Supply Co.
2323 Jackson
- 443. Hart Supply Co.
101 Otter Ave.
P. O. Box 918
Phone: BL 5221
- 444. North Amer. Products Corp.
P. O. Box 1025
- 445. Sommerfeld Welders Sup-
ply Co.
N. Jackson St.

PEWAUKEE

- 446. Miller, Joseph E.
Route #2, Box 43
Phone: SU 3750

RACINE

- 447. Akroline Machines
617 Good St.
Phone: ME 4-5642
- 448. Boerger Co., Fred
3434 N. Main St.
Phone: ME 3-6511
- 448A. Cullen Mfg. Co.
1603 Washington Ave.
Phone: ME 4-5644
- 449. General Industrial Sales
Inc.
820 6th St.
- 450. General Industrial Supply
Co.
816-6th St.
Phone: 4-3371
- 451. Gorton Machine Co.
1712 Racine St.
Phone: 4-6644
- 452. H-K Engrg. Assoc.
1524 Main St.
Phone: ME 4-5644
- 453. Johnson & Son Inc., S. C.
1525 Howe St.
Phone: ME 2-1611
- 454. Jorgenson, A. P.
301 4 Mile Rd.
Phone: ME 7-3994
- 455. Machinery & Factory Equip.
Co.
1215-19 Douglas Ave.
Phone: ME 4-3381

SALES OFFICES

456. Mayhew, Robert
1606 S. Main St.
457. Precise Products Co.
3715 Blue River Rd.
458. Tollaksen G. K.
610 Main St.
Phone: ME 2-2345
459. Tool Crib, The
812 Blaine Blvd.
460. True-Trace Corp.
2401 Eaton Lane
Phone: ME 4-8233
461. Verheyen, Milton J.
235 Howland
Phone: ME 3-5320
462. Wis. Bearing Co.
2514 Lathrop Ave.
Phone: ME 4-7123

RHINELANDER

463. Hodag Equip. Co.
Box 474

RIVER FALLS

464. Teppen, T. H.
725 Union St.
Phone: HA 5-5413

SHEBOYGAN

465. General Box Co.
1590 N. 17th St.
Phone: GL 7-7791
466. McKinley, G. B.
Box 325
Phone: GL 7-5031

SOUTH MILWAUKEE

467. Kruezer Co., T. J.
423 E. Oak St.
P. O. Box 124
Phone: SO 2-1340
468. Somli Equip. & Supply Co.
415 Menomonee Ave.
Phone: SO 2-3880

THIENSVILLE

469. Borngeesser, Marvin E.
Route #2, Box 319
Phone: FL 2-8559

WAUKESHA

470. Automatic Welding Co.
Airport Rd., P. O. Box 331
Phone: LI 2-4411
471. Oberlin, Wayne
1717 Orchard Lane
Phone: LI 7-4900
472. Osborn & Sons Inc., Louis
P. O. Box 93
Phone: GA 2-1600

WAUSAU

473. Marathon Electric Mfg.
Corp.
Randolph & Cherry Sts.
P. O. Box 630
Phone: 2-2011-15
474. Northern Welding & Supply
716 Jefferson St.

WAUWATOSA

475. Badger Power Tools
11427 W. Blue Mound Rd.
(13)
476. Blatz, E. H.
4416 N. 109th St. (18)
Phone: HO 2-2846
477. DuBrucq, T. E.
2728 N. 73rd St. (10)
Phone: SP 4-1410
478. F. P. Tool Service
P. O. Box 254 (13)
Phone: GR 6-1325
479. Hillert, Alfred
4418 N. 107th St. (18)
480. Lohmann Industrial Equip.
Co.
2243 N. 65th St. (13)
Phone: HL 8-9385
481. Manecke Co., Don R.
3P. O. Box 177 (13)
Phone: GL 3-9395
482. Mercer & Sons, H. H.
P. O. Box 24
8121 Hillcrest Dr. (13)
Phone: BR 2-2411
483. Stang, Wm. G.
4606 N. Parkside Dr. (18)
Phone: HO 3-4780

484. Stone-Logan Corp.
8730 Park View Ct. (13)
P. O. Box 296
Phone: SP 4-1239
485. Vanadium-Alloys Steel Co.
5901 W. Wisconsin Ave.
(13)
Phone: BL 8-2019
486. Verson Allsteel Press Co.
7015 W. North Ave.
Phone: SP 4-2295
487. Wapakoneta Machine Co.,
The
6513 Revere Ave. (13)
Phone: BL 8-6089

WEST ALLIS

488. Cutting Tools Inc.
2220 S. 108th St. (19)
Phone: LI 3-3400
489. Ex-Cell-O Corp.
1413 S. 86th St. (14)
P. O. Box 2554
Phone: SP 4-3680
490. Goltz Supply Co.
6327 W. Greenfield Ave.
(14)
Phone: SP 4-5833
491. Knoblauch & Assoc., R. S.
P. O. Box 2638
Phone: SP 4-5150

WEST RACINE

492. Wolter, Ernie
P. O. Box 927
Phone: ME 2-1273

WHITEFISH BAY

493. Schmidt Inc., Geo. T.
5000 N. Lake Dr.
Phone: ED 2-0123

WYOMING

CASPER

1. Casper Supply Co.
444 S. Center St.
2. Industrial Distributors Inc.
310 S. Spruce St.
Box 1171
Phone: 2-1574
3. Swan Specialties Co.
Box 515
1104 E. Yellowstone
4. U. S. Welding Supply Inc.
137 N. Center St.
5. Wyo. Automotive Co.
628 W. Yellowstone

CHEYENNE

6. Casper Supply Co.
1708 Pioneer Ave.
7. Ideal Lab. Tool & Supply
Co.
8. Modern Office Equip.
1904 Thomas St.
Phone: 2-7601
9. McDonald Mfg. Co., A. Y.

CANADA

ALBERTA

CALGARY

1. Canadian Allis-Chalmers
709-8th Ave., W.
Phone: AM 2-5880
2. Canadian Fairbanks-Morse
Co. Ltd.
723-11th Ave., W.
Phone: AM 6-4061
3. Clarke, Ltd., H. F.
3220 -1A St., SE.
4. General Controls Co. (Can-
adian) Ltd.
Renfrew House, Rideau
Towers
Phone: CH 3-5667
5. Magnachem Ltd.
5507 1st St., SE.
Phone: CH 3-3333
6. Northwestern Brass Ltd.
1609 24th Ave., E.
Phone: BR 3-1065

7. Peacock Bros. Ltd.
1027 - 11th Ave., SW.
Phone: CH 4-8901
8. Williams Machinery Western
Ltd., A. R.
2235 - 15th St., E.

EDMONTON

9. Akhurst Machinery Co., W.
A.
14506 - 118th Ave.
Phone: GL 4-1082
10. Alberta Valve Specialties
Ltd.
7225 - 104th St.
Phone: GE 3-0102, 9-5120
11. Canadian Allis-Chalmers
10394 103rd St.
Phone: GA 2-4013
12. Canadian Fairbanks-Morse
Co. Ltd.
10940 - 120th St.
Phone: HU 8-4821
13. Clarke Ltd., H. F.
10554 - 109th St.
14. Gardner-Denver Co. (Can.)
Ltd.
14415 - 114th Ave.
Phone: GL 5-6509 &
5-6886
15. Gorman's Ltd.
10238 - 104th St.
Phone: 4-6404
16. Latta, Alex
12143 - 68th St.
17. Mainline Equip. Ltd.
10419 - 49th Ave.
Phone: GE 9-1024
18. Mechanics Supply Co. Ltd.
10234 - 103rd St.
19. Northern Hydraulics Ser-
vices Ltd.
5710 - 103A St.
Phone: 3-93941
20. Pacific-Northwest Imports
Ltd.
9949 - 77th Ave.
Phone: 3-35847
21. Peacock Brothers Ltd.
7511 - 104th St.
Phone: 392127
22. Petro-Automation Indus-
tries Ltd.
14403 - 115th Ave.
Phone: GL 5-3673
23. Premier Industrial Ltd.
9549 - 101A Ave.
Phone: GA 4-4191
24. Ross & Co. Ltd., John H.
6803 - 104th St.
Phone: 393295
25. Rudel Machinery Co. Ltd.
6803 - 104th St.
Phone: 393253
26. Upton Bradeen & James Ltd.
14506 - 118th Ave.
Phone: GL 4-1082 4-1081
27. Wilkinson Co. Ltd.
7025 - 103rd St.
28. Williams Co., A. R.

LETHBRIDGE

29. West Canadian Machinery
Co. Ltd.
P. O. Box 221

RED DEER

30. Horn Storage & Distribut-
ing, F. W.
5315 - 50th Ave.
Phone: 2778

SOUTH EDMONTON

31. Barber Machinery Ltd.
10358 - 65th Ave.
Box 4069
Phone: GE 9-0057

BRITISH COLUMBIA

HOLLYBURN

32. Ross & Sons Ltd., Frank T.
4384 Ross Crescent

BRITISH COLUMBIA

NEW WESTMINSTER

33. Arvis Engrg. Ltd.
1105 Royal Ave.
Phone: LA 2-8677

34. Swan & Co. Ltd., T.
819 Carnarvon St.

NORTH BURNABY

35. L & M Equip. Co. Ltd.
4740 Lougheed Hwy.

NORTH VANCOUVER

36. Taylor, W. B.
P. O. Box 193
Phone: YU 7-0300
37. Thompson Ltd., Charles L.
3115 Lonsdale Ave.
Phone: YU 7-9385

RICHMOND

38. Custom Engrg. Ltd.
896 New River Dr.
Phone: CR 8-2211

VANCOUVER

39. Acetone Welding Supplies
Ltd.
1539 Franklin St. (6)
40. Akhurst Machinery Co., W.
A.
215 W. 2nd Ave.
Phone: TR 6-4191
41. B. C. Conveying Machinery
Ltd.
3300 Fraser St.
Phone: EM 9241
42. B. C. Equip. Co. Ltd.
551 Howe St.
43. Balfour Guthrie (Can.)
Ltd.
744 Hastings St., W. (1)
44. Barber Machinery Div., F. F.
1348 Clark Dr.
Phone: MU 4-3539
45. Black Brothers Ltd.
1200 Hornby St. (1)
Phone: MA 6221
46. Canadian Allis-Chalmers
1200 Pender St.
Phone: MU 1-3496
47. Canadian Fairbanks Morse
Co. Ltd., The
798 Beatty St. (3)
48. Canadian Lift Truck Co. Ltd.
1630 W. 6th Ave. (9)
Phone: RE 6-9777
49. Clarke (B.C.) Ltd., H. F.
421 W. Broadway
50. Coast Tool Ltd.
529 E. Hastings (4)
Phone: MA 1510
51. Deane & Co., B. W.
2032 W. 1st Ave. (9)
52. Eutectic Welding Alloys Co.
of Canada Ltd.
1661 W. 5th Ave. (9)
Phone: RE 1-2127
53. Galbraith & Sulley Ltd.
1231 W. 6th St.
Phone: CH 5121
54. Gardner-Denver Co. (Can.)
Ltd.
1775 Pine St. (9)
Phone: RE 1-4946
55. General Bearings Ltd.
338 W. 6th Ave. (9)
Phone: EX 2464
56. General Controls Co. Ltd.
1042 Davis St. (5)
Phone: MU 3-3543
57. General Equip. Engrg. Sales
224 W. 5th Ave.
58. Harvey-Carruthers Ltd.
1639 W. 5th Ave. (9)
59. Hydraulic Service & Equip.
368 W. 4th Ave.
60. Industrial Equip. Co. Ltd.
1045 Kingway
Phone: DI 3481
61. Instrument Service Lab.
Ltd.
29 W. Broadway (10)
62. Letson & Burpee Ltd.
172 Alexander St. (4)
Phone: PA 8171
63. Loney, Herbert J.
310 Water St. (3)
Phone: MU 4-7817

SALES OFFICES

BRITISH COLUMBIA

VANCOUVER (cont.)

64. Lovsted & Co. Ltd., C. M.
1726 W. 5th Ave. (9)
P. O. Box 4185, Station "D"
Phone: HA 6541
65. Mackie & Pinton Industrial
Supply Co.
2030 W. Broadway
66. Magnachem Ltd.
2060 W. 10th Ave. (13)
Phone: RE 6-0144
67. Malkin & Pin Industrial
Supplies
2106 Main St. (9)
Phone: EM 7121
68. Marsden Equip. Co.
1358 Seymour St. (2)
Phone: PA 9026
69. McLennan, McFeely & Prior
99 Cordova St., E.
70. Morton Engrg. Ltd.
1340 Commercial Dr. (6)
Phone: HA 9007
71. Overseas Commodities Ltd.
P. O. Box 2337 (3)
Phone: MU 4-8531
72. Pacific Controls Ltd.
1042 Davie St. (5)
Phone: MU 3-6821
73. Pacific Industrial Supplies
Ltd.
505 Clark Dr.
Phone: HA 9346
74. Peacock Brothers Ltd.
Burrard at 7th Ave. (9)
Phone: RE 1-3185
75. Fearless Ltd., E. B.
5934 Fraser St. (15)
Phone: EL 5123
76. R & M Bearings Canada Ltd.
(2)
77. Renold Chains Canada Ltd.
1066 Seymour St.
Phone: MA 2167
78. Rudel Machinery Co. Ltd.
535 E. Hastings St.
Phone: PA 7595
79. Russell Ltd., Gordon
1661 W. 5th Ave. (9)
80. Ryder Machinery Co. Ltd.,
J. H.
2120 Main St. (10)
Phone: EM 9424
81. Singer, Eric
345 W. 13th Ave. (10)
82. Tridel Equip. Ltd.
1585 W. Georgia St. (5)
Phone: MU 4-9674
83. Upton Bradeen & James Ltd.
215 W. 2nd Ave. (10)
Phone: EM 4191
84. Valvoline Oil Co. of Canada
Ltd.
105 3rd St., W. (10)
85. Vancouver Parts Co. Ltd.
120 W. 4th Ave. (10)
86. Van Waters & Rogers Inc.
2625 Skeena St. (12)
87. Vickers-Sperry of Canada
Ltd.
1637 W. 5th Ave. (9)
Phone: RE 5-0461
88. Wickman Ltd., A. C.
Ford Bldg.
193 E. Hastings St.
Phone: MA 5641
89. Wilkinson Co. Ltd.
888 SE. Marine Dr. (15)
Phone: FA 1-1231
90. Williams Machinery Western
Ltd., The A. R.
495 Railway St. (4)
Phone: MU 4-9411

VICTORIA

- 90A Canadian Fairbanks Morse
Ltd., The
1400 Broad St.
Phone: EV 4-4171

WEST VANCOUVER

91. Ross & Sons Ltd., Frank T.
4384 Ross Crescent Park
Phone: WE 2135 R

WHITE ROCK

92. Stratoflex of Canada Inc.
13677 Marine Dr.
Phone: WH 6386

MANITOBA

BRANDON

93. Ackland & Son Ltd., D.
149 - 9th St.

ST. BONIFACE

94. Tucker Agencies, B. L.
461 Provencher Ave.

WINNIPEG

95. Acme-Bertram Machine
Tools Ltd.
312 Power Bldg.
428 Portage Ave.
Phone: 925-620
96. Bearing Supply & Service
Ltd.
472 Notre Dame Ave. (2)
Phone: WH 3-4405
97. Bellows-Valvair Ltd.
148 Princess St.
Phone: WH 3-2554
98. Bissett & Webb Ltd.
608 Paris Bldg.
99. Canadian Allis-Chalmers
862 Dufferin Ave.
Phone: JU 9-5373
- 99A Canadian Fairbanks Morse
Ltd., The
114-140 Garry St.
Phone: WH 2-6544
100. City Machinery Co. Ltd.
783 Main St. (4)
Phone: JU 59-1472
101. Clarke Ltd., H. F.
1416 Erin St.
102. Cuthbert Co. Ltd., The
19 McPhillips St.
Phone: SP 4-3529
103. DoAll Co. of Canada, The
376 Notre Dame Ave. (2)
Phone: WH 3-1659
104. Gardner-Denver Co., Ltd.
1370 Sargent Ave. (3)
Phone: SP 5-8115
105. General Controls Co. Ltd.
1446 Erin St.
Phone: SP 5-6157
106. Manwest Engrg.
33 Water St. (1)
Phone: WH 2-5207
107. McFarlane-Green
827 Elm St. (9)
Phone: HU 9-2713
108. Northwestern Brass Ltd.
13 Bury St.
109. Peacock Brothers Ltd.
168 Market St.
Phone: WH 3-3166
110. Porter Agencies, W. J.
181 Notre Dame Ave., E.
(1)
Phone: WH 2-5611
111. Pydee Engrg. Co. Ltd.
1018 Sherbrook
Phone: SP 4-7418
112. R-G Sales Co. Ltd.
1700 Ellice Ave., Corner of
Madison St.
Phone: SP 44-451
113. Railway & Power Engrg.
Corp. Ltd.
Phone: SP 5-3441
114. Ross Equip. & Supply Co.
837 Sargent Ave. (3)
115. Rudel Machinery Co. Ltd.
99 Isabel St.
116. Ryder Machinery Co. Ltd.,
J. H.
1735 Sargent Ave. (12)
Phone: SP 2-0376
117. St. Mars Ltd., Jos.
Galt Bldg. - 103 Princess
St.
Phone: WH 3-5505
118. Stratoflex of Canada Inc.
909 Boyd Bldg.
Phone: 9-32136
119. Taylor Machinery Co. Ltd.,
T. S.
1600 Portage Ave. (12)
Phone: SP 4-4577
120. Thompson Ltd., Charles L.
87 King St. (2)
Phone: WH 3-8231
121. Upton, Bradeen & James
Ltd.
612 Broadway Ave.
Phone: SP 5-2579

122. Westair Sales Co.

380 Donald St. (1)
Phone: WH 3-2461

123. Western Elevator & Motor Co.

123 Princess St.

124. Williams Machinery Co., The

A. R.
50 Isabel St.
Phone: SU 3-1702

125. Winnipeg Brass Ltd.

800 Clifton St.
Phone: SU 3-7164

NEW BRUNSWICK

MONCTON

126. Canadian-Allis Chalmers
232 St. George St.
Phone: EV 4-9896
127. Gardner-Denver Co. Ltd.
E. Main St.
P. O. Box 475
Phone: EV 4-9637
128. Upton, Bradeen & James
Ltd.
347 St. George St.
Phone: 2-1440

SAINT JOHN

129. Canadian Fairbanks Morse
Co. Ltd., The
75 Prince William St.
130. Stratoflex of Canada Inc.
19 4th St.
Phone: OX 2-9159

NOVA SCOTIA

DARTMOUTH

131. Eutectic Welding Alloys Co.
of Canada Ltd.
Canal St.
Phone: 6-2159

HALIFAX

132. Austen Brothers Ltd.
118 Hollis St.
- 132A Canadian Fairbanks Morse
Ltd., The
1248 Barrington St.
Phone: 2-6431
133. Foulis Engrg. Co. Ltd.
Capitol Bldg.
134. Power Ltd., R. R.
P. O. Box 903
Phone: 37797

ONTARIO

ACTON

135. Chellman Machinery
153 Bower Ave.
Phone: AC 35

AGINCOURT

136. Babbs, Trevor
P. O. Box 416
Phone: OX 1-4857
137. Electromechanical Products
Markham Rd.
Phone: AX 3-7011
138. National Time & Signal Co.
72 Shilton Rd.
Phone: OX 1-4857

AJAX

139. Bayly Engrg. Ltd.
Hunt St.
Phone: EM 2-3741

BARRIE

140. DeVilbiss (Can.) Ltd.
Phone: PA 6-5501

BELLE RIVER

141. Beasley, C. E.
R. R. #1
Phone: CL 2-2232
142. Sales Co., C. B.
R. R. #1
Phone: CL 2-2232

BELLEVILLE

143. Stewart-Warner Corp. of
Canada Ltd.
P. O. Box 379

BRAMPTON

144. Brady Co. of Canada Ltd.,
W. H.
1 Research Rd.
Phone: GL 1-4420
145. Osborn (Can.) Ltd.,
Samuel
25 Hansen Rd.
Phone: EM 6-6450
GL 1-4561
146. Strippl Tool & Machine Co.
Hansen Rd.
Phone: GL 1-3330

BRANTFORD

147. Airetool Canada Ltd.
37 Spalding Dr.
Phone: PL 3-7316-17
148. Alexander & Orlick Ltd.
211 Greenwich St.
P. O. Drawer 248
Phone: PL 3-3181-2
149. Firth Sterling (Can.) Ltd.
Box 311
43 Spaulding Dr.
Phone: PL 2-6830
150. Gunther Co. Ltd., E & A
151. Micromatic Home Ltd.
330 Grand River Ave.
Phone: 3-3146

BROCKVILLE

152. Hansler Machine & Supply
Co.
13 Broad St.
Phone: DI 2-4408

BURLINGTON

153. Dominion Power Press Ltd.
Box 222
Graham's Lane
Phone: NE 4-6708
154. Elder Electronics
541 Brant St.
Phone: NE 4-0511
155. Heck Diamond & Abrasive
Specialties
P. O. Box 401
156. Higginson Equip. Sales Ltd.
Box 512-1131 Pettit Rd.
Phone: JA 9-3950
157. Smith Co., W. M.
892 Long Dr.
Phone: NE 4-5333
158. Wes-Park Co., The
882 Long Dr.
Phone: NE 4-8804

COOKSVILLE

159. Gravely & Co., T. G.
P. O. Box 87
Phone: AT 9-0671

DOWNSVIEW

160. Caley Ltd., F. W.
126 Overbrook Pl.
Phone: WA 3-3233
161. Dow Corning Silicones Ltd.
1 Tippet Rd.
Phone: ST 8-9521
162. Eutectic Welding Alloys Co.
of Canada Ltd.
Ontario Div.
9 Torbarrie Rd.
Phone: CH 6-5897
163. Hooker Ltd., Samuel C.
4126 Bathurst St.
Phone: ME 5-1470
164. Le Roi Air Equip. of Canada
Ltd.
465 Wilson Ave.
Phone: ME 5-5663

DUNDAS

165. Acme-Bertram Machine
Tools Ltd.
Phone: MA 8-2233
166. Bertram & Sons Co. Ltd.,
The John
15 Hatt St.
Phone: MA 8-2233

FORT WILLIAM

- 166A Canadian Fairbanks Morse
Ltd., The
300 Simpson St.
Phone: 3-3458 & 2-4071

SALES OFFICES

ONTARIO

167. Northland Machinery & Supply Co. Ltd.
168. Rudel Machinery Co. Ltd.
1408 Brown St.
Phone: 2-0678

CALT

169. Firth Brown Tools Ltd.
Phone: 1330
170. Joy Mfg. Co.
175 Beverly St.
Phone: 3600
171. Morton Ltd., James
126 Main St.
Phone: GA 3920

CANANOQUE

172. Thomson Rivet Co. Ltd.
4th St. at Victoria Ave.
Phone: GA 999

GEORGETOWN

173. Sykes Tool Corp. Ltd.
Hwy. #7
Phone: TR 7-2236

GUELPH

174. General Controls Co. (Canadian) Ltd.
171 Surrey St., E.
Phone: TA 4-2350
175. Rockwell Mfg. Co.
40 Wellington St.
P. O. Box 420
Phone: TA 2-2840

HAMILTON

176. Barber Machinery Co., F. F.
1036 King St. W.
Phone: JA 7-3681
177. Barnard Stamp & Stencil Ltd.
8 George St.
P. O. Box 295
178. Barnes Ltd., Don
605 James St., N.
Phone: ON 7-7436
179. Bayview Supplies Ltd.
80 Brant St.
Phone: JA 9-9222
180. Beattie Assoc., Wm. F.
191 King William St.
Phone: JA 8-4317
181. Bellows-Valvair Ltd.
240 Beach Rd.
Phone: LI 5-9991
182. Brown-Boggs Foundry & Machinery Co.
275 Sherman Ave., N.
183. Burton Co. Ltd., H. C.
166 Rebecca St.
Phone: JA 9-8126
184. Central Welding Sales
246 Beach Rd.
185. Coleman Tools
Willow Cove P. O.
Phone: SH 8-4426
186. Crane Packing Co. Ltd.
617 Parkdale Ave., N.
Phone: LI 4-3358
187. International Machinery Ltd.
P. O. Box 215-Station "C"
519 Parkdale, N.
Phone: LI 5-1167
188. Jervis-Webb Co.
715 Beech St.
Phone: LI 9-6527
189. Lawrie Machinery Co., D. T.
98 Traymore Ave.
Phone: JA 7-0140
190. Martin Industrial Sales Ltd.
Box 463
Phone: JA 2-1716
191. Master Pneumatic Tools Ltd.
41 King William St.
Phone: JA 8-7741
192. Metallurgical Sales & Service
47½ Main St., E.
Phone: JA 9-2168
193. Orlick Ltd., William
35 Glen Rd.
Phone: JA 8-5949
194. Railway & Power Engrg. Corp. Ltd.
522 James St., N.
Phone: JA 8-4251
195. Renold Chains Canada Ltd.
130 Ferguson Ave., N.
Phone: JA 2-2491

196. Ryder Machinery Co. Inc., J. H.
634 Main St., E.
Phone: JA 8-8435
197. Sun Oil Co. Ltd., Toronto
Phone: JA 7-2901
198. Thibodeau Machinery Co.
267 Herkimer St.
199. Thomas Buff & Brush Co.
174 Catherine St., N.
200. TOCCO Div.
38 Cawyn Crescent
Phone: JA 7-1208
201. Tumbling Sales & Service Ltd.
35 Glen Rd.
Phone: JA 7-3238
202. Upton Bradeen & James Ltd.
171 James St., S.
Phone: JA 7-3238
203. Vallance Brown & Co. Ltd.
176 Shaw St.
Phone: JA 7-6643
204. Vickers-Warnick Ind. Supply Co. Ltd.
1869 Main St., E.
Phone: LI 9-1392
205. Weld-O-Matic Machines
2519 Parkdale Ave., N.
P. O. Box 159, Station "C"
Phone: LI 9-6579
206. White Supply Co.
1690 Burlington St., E.
207. Wickman, Ltd., A. C.
605 James St., N.
Phone: JA 8-6213

ISLINGTON

208. Best Co., John
96 Kipling Ave., N.
Phone: BE 1-7633
209. Canadian Hardinge Machine Tools Ltd.
P. O. Box 67
Phone: AT 9-2791
210. Cox Sales, Frank J.
6 Elm View Ct.
P. O. Box 32
Phone: BE 3-4953
211. Davis Automatic Controls Ltd.
P. O. Box 160
Phone: BE 3-3211
212. Smith, Ronald C.
60 Sir Williams Lane
213. Tote Equip. Co.
5302 Dundas St., W.
Phone: BE 2-2461

KIRKLAND LAKE

214. Gardner-Denver Co. Ltd.
P. O. Drawer #756
Phone: 414

KITCHENER

215. Canadian Blower & Forge Co. Ltd.
Phone: SH 4-8111
216. Holman Brothers Ltd.
97 Kent Ave.
Phone: SH 3-0288

LEASIDE

217. Cleco Pneumatic Tool Co. of Canada Ltd.
927 Millwood Rd.
Phone: HU 8-7518
218. Valvoline Oil Co. of Canada Ltd.
117 Laird Dr.

LONDON

219. Bach-Simpson Ltd.
1255 Brydges St.
Phone: GL 1-9490
220. Bellows-Valvair Ltd.
241 Queens Ave.
221. Brennan Co., Wm. M.
850 Maitland
Phone: GE 4-5781
221A Canadian Fairbanks Morse Ltd., The
545 1st St.
Phone: GL 5-6180
222. Ex-Cell-O Sales Assoc. Ltd.
130 Weston St.
P. O. Box 38
Phone: GE 5-2133
223. Kelite (Can.) Ltd.
Richmond Bldg.
Richmond St.
Phone: GE 9-2631

224. Porter-Cable Power Tools (Can.) Ltd., The
P. O. Box 5019
Phone: CR 6-0776
225. Proto Tool Co.
1764 Oxford St.
Phone: GL 1-2920
226. Renold Chains, Canada Ltd.
1024 Oxford St., E.
227. Vanadium-Alloys Steel Canada Ltd.
529 Philip St.
P. O. Box 5039
Phone: HU 7-5311
228. White Supply Co. Ltd.
1112 Francis St.

MALLORYTOWN

229. Seaway Valley Equip. & Supply Co.
R. R. #4

MALTON

230. Found Brothers Aviation
Malton Airport
Phone: BU 6-2241

NEW TORONTO

231. Consolidated Engines & Machinery Co. Ltd.
14th & Birmingham Sts.
Phone: CL 9-3785

OKAVILLE

232. Kuhlmann-Straube Co. Ltd.
P. O. Box 358
233. Mawer Sales Ltd.
144A Kerr St., N.
Phone: VI 5-2265
234. Torrington Mfg. Co., The
201 Speers Rd.
Phone: VI 5-2836

OTTAWA

- 234A Canadian Fairbanks Morse Ltd., The
266 Sparks St.
Phone: CE 3-7779
235. Caverhill, Learmont & Co.
300 Sharks St. (4)
236. Electrodesign
376 London Terrace
237. Fleck Ltd., The Alexander
75 Spencer St. (3)
Phone: PA 8-3541
238. Rudel Machinery Co. Ltd.
P. O. Box 3125, Station "C"
Phone: PA 9-1134
239. Sperry Gyroscope Ottawa Ltd.
P. O. Box 90
3 Hamilton Ave.
Phone: PA 8-4681
240. Stratoflex of Canada Inc.
598 Wavell Ave.
Phone: PA 2-2268
241. Upton Bradeen & James Ltd.
Room 702
77 Metcalf St.
Phone: CE 2-3775
242. Whittaker Electronics Ltd.
213 Niagara Dr.
Phone: CE 4-4686
243. Williams Machinery Co., A. R.
77 Metcalf St.
Phone: PA 2-3405
244. Williams & Wilson Ltd.
136 Sparks St.
Phone: CE 5-5845

PETERBOROUGH

245. Canfast Peterborough Ltd.
241 Rubridge St.
Phone: RI 5-3471
246. Hansler Machine & Supply Co.
P. O. Box #419
Phone: 25951

PORT ARTHUR

247. Canadian Allis-Chalmers
12-A Court St., S.
Phone: 5-7632
248. Gibbon, Roy
45A Cumberland St., S.

PRESTON

249. Henderson, Clayt
R. R. #1 Edgehill Dr.
250. Rudel Machinery Co. Ltd.
636 Hopewell Rd.

REXDALE

251. Amco Furnace Contractors
Disco Rd.
Phone: BU 6-2741
252. Aro Equip. of Canada Ltd.
1416 Kipling Ave., N.
Phone: CH 6-2153
253. Prestole Corp. of Canada Ltd.
20 Racine Rd.
Phone: CH 4-2062
254. Strongridge Ltd.
64 Racine Rd.
Phone: CH 4-4248
255. Wainbee Tools Ltd.
64 Racine Rd.
Phone: CH 1-3301

ST. CATHARINES

256. Dewar John
39 Marlene Dr.
257. Rudel Machinery Co. Ltd.
2 Robert St.
258. St. Catharines Brass Works Ltd., The
16 Smith St.
Phone: MU 2-9258
259. Wes-Park Co.
18 Elm Ridge Dr.
Phone: MU 5-6750

ST. THOMAS

260. St. Thomas Bronze Co. Ltd.
1st Ave. & Wellington St.
Phone: ME 1-3310

SARNIA

261. Earl's Welding & Supply Co.
387 N. Front St.
262. Mueller Ltd.
Clifford St.
Phone: DI 4-1195

SCARBOROUGH

263. Canadian Controllers Ltd.
1550 Birchmount Rd.
Phone: PL 7-5111
264. Canadian D. A. Stuart Oil Co. Ltd.
P. O. Box 430
43 Upton Rd.
Phone: PL 7-3227
265. Guilley Co. Inc.
72 Crookford Blvd.
Phone: OX 8-1678
266. Hunt, Melville G.
10 Frolic Crescent
Phone: AT 2-4969
267. Lea Mfg. Co. of Canada Ltd.
1236 Birchmount Rd.
Phone: PL 7-4166
268. Pope, Edward H.
73 Shandon Dr.
Phone: HI 4-1211
269. Regart Machinery Sales
1040 Birchmont Rd.
Phone: OX 1-2149
270. Ross & Sons Ltd., Frank T.
18 Civic Rd.

STONY CREEK

271. Perrow, Bob
121 Lake Ave.
Phone: NO 2-3867
272. Syntrol Ltd.
928 Queenston Rd.
P. O. Box 910
Phone: NO 2-8314

STRATFORD

273. Marlin-Rockwell Corp.
172 Ballantyne Ave.
Phone: 4847

SUDBURY

274. Peacock Brothers Ltd.
105 Durham St., S.
Phone: OS 4-5281

TORONTO

275. A. P. G. Plant Equip. Ltd.
191 King St., E. (1)
276. Acme-Bertram Machine Tools Ltd.
15 Brandon Ave. (4)
277. Acme Electric Corp.
50 Northline Rd. (16)
Phone: PL 5-3315

SALES OFFICES

ONTARIO

TORONTO (cont.)

278. Acme Machine Tool Div.
321 Weston Rd. (9)
Phone: RO 3-8366
279. Affiliated Engrg. Corp. Ltd.
615 Harbour Commission Bldg.
Phone: EM 4-8369
280. Alkenhead Hardware Ltd.
17 Temperance St. (2)
Phone: EM 3-9111
281. Alexander & Orlick Ltd.
9 Hartley Ave.
Phone: PL 3-3181
282. All-State Welding Alloys of Canada Ltd.
141 Kipling Ave. (18)
P. O. Box 222
Phone: BE 1-6231
283. Amer. Optical Co., Canada Ltd.
120 Wellington St., W.
Phone: EM 4-8341
284. Amco Industrial Equip. Ltd.
1377 Weston Rd. (9)
Phone: RO 7-5439
285. Armstrong Ltd., A. T. R.
P. O. Box 38, Station "D"
(9)
Phone: RO 2-7535
286. Armstrong, Ltd., S. A.
1400 O'Connor Dr. (13)
Phone: PL 5-2291
287. B. S. A. Tools Canada Ltd.
228 Norseman St. (18)
Phone: BE 3-1209
288. Barber Machinery Div., F. F.
187-191 Fleet St., W.
Phone: EM 3-9291
289. Barker Industrial Equip. Ltd.
3803 Dundas St., W.
Phone: RO 2-7343
290. Barnes Machine & Tool Supply
137 Wellington St., W.
Phone: EM 6-5310
291. Bellows-Valvair Ltd.
14 Advance Rd. (18)
Phone: BE 3-1221
292. Bethlehem Steel Export Co. of Canada Inc.
170 University Ave.
Phone: EM 4-6281
293. Birleco-Lindberg Ltd.
15 Pelham Ave. (9)
Phone: RO 6-6456
294. Blakeslee & Co. Ltd., G. S.
18 Cranfield Rd. (16)
Phone: PL 5-5216, 7, 8
295. Bliss Co. of Canada Ltd., E. W.
159 Bay St.
Phone: EM 6-5310
296. Boston Gear Works
275 Kipling Ave., S. (18)
Phone: CL 9-9201
297. Bourke & Mabey
27 Merton St. (7)
Phone: MA 4473
298. Brace-Mueller-Huntley Inc.
80 King St.
Toronto Star Bldg.
Phone: EM 3-5223
299. Brian Engrg. Ltd.
2773 Dufferin St. (19)
300. Bristol Co. of Canada Ltd., The
71-79 Duchess St. (2)
Phone: EM 3-3421
301. Canada Tool & Supply Co.
19 Melinda St.
Phone: EL 4068
302. Canadian Allis-Chalmers
P. O. Box 280
Adelaide St.
Phone: EM 4-0486
303. Canadian Bearings Ltd.
65 Granby St.
304. Canadian Fairbanks-Morse Co. Ltd., The
137-167 Harbour St.
Phone: EM 8-8321
305. Canadian Hanson & Van Winkle Co. Ltd.
Corner Silver & Morrow Ave. (3)
Phone: LE 3-1133
306. Canadian Heinemann Sales
93 Judge Rd. (18)
Phone: BE 1-2265
307. Canadian Koebel Diamond Tools Ltd.
18th St. & Towns Rd.
Phone: CL 1-1622
308. Canadian Lift Truck Co. Ltd.
163 Wicksteed Ave. (17)
Phone: HU 1-5296
309. Canfast Co. Ltd.
1480 Queen St., E. (8)
Phone: HO 1-8136
310. Chown Ltd., T. C.
50 Abell St. (3)
Phone: LE 4-8389
311. Churchill Ltd., Charles
N. Queen St. (14)
Box 21
Phone: BE 3-3216
312. Cooper & Horton Ltd.
86 Main St., S.
Phone: CH 1-1191
313. Coas Corp. of Canada Ltd.
1160 Lakeshore Rd. (14)
Long Branch
Phone: CL 5-1135
314. Cox Sales Ltd., Frank J.
368 Munster Ave. (18)
Phone: BE 9-3090
315. Crucible Steel Co.
410 Bloor St. E. (5)
Phone: WA 1-7238
316. Curtis-Wellis Co.
24 Industrial St.-Leaside (17)
Phone: HU 1-4491
317. D-M-E of Canada Inc.
156 Norseman Ave. (17)
Phone: BE 3-3274
318. Danson & Assoc., Barnett J.
1912 Avenue Rd.
Phone: RU 1-5701
319. Darling Brothers Ltd.
137 W. Wellington St.
Phone: EM 4-6459
320. Deane & Co., B. W.
97 George St.
Phone: EM 4-6459
321. Do-All Co. of Canada Ltd.
35 Clarkson Ave. (10)
Phone: RU 3-4238
322. Donnolly Co. Ltd., James T.
321 King St., W.
Phone: EM 3-5225
323. Dow Corning Silicones Ltd.
Tippit Rd.
Phone: ME 5-6116
324. Drummond McCall & Co.
Box 177, Terminal "A"
Phone: RU 1-5651
325. Duncan Machinery Co. Ltd., D. M.
197 College St. (2B)
Phone: WA 3-9381
326. Dycon Ltd.
25 Carson St. (14)
Phone: CL 9-8276
327. Eclipse Fuel Engrg. Co.
20 Upjohn Rd.
Phone: RU 7-0991
328. Electrodesign
35 Mulholland St. (19)
Phone: RU 7-0991
329. Elgin National Watch Co.
228 Norseman St. (18)
330. Empire Engrg. Co.
738 Dundas St., E.
Phone: EM 4-2928
331. Engerprise Agencies Ltd.
6 Church St.
Phone: EM 4-9081
332. Erico Inc.
7 Superior St.
333. Ex-Cell-O Sales Assoc. Ltd.
1229 The Queensway (1)
Phone: CL 5-0401
334. F-H Welding Machines Ltd.
92 N. Queen St. (14)
Phone: BE 3-3265
335. Finkler & Co., Len
1794 Avenue Rd. (12)
Phone: RU 1-5232
336. Fraser Ltd., George M.
1554 Yonge St. (7)
Phone: WA 4-9492
337. Gardner-Denver Co. Ltd.
14 Curly Ave. (16)
Phone: OX 9-1168
338. Garlock Packing Co. of Canada Ltd., The
750 Bay St. (2)
Phone: EM 4-3456
- #### TORONTO (cont.)
339. General Controls Co. Ltd.
73 Simcoe St. (1)
Phone: EM 3-2013
340. General Electric Co. Ltd.
341. General Radio
99 Floral Parkwy (15)
Phone: CH 4-6221
342. General Welding & Industrial Sales
2200 Kingston Rd. (13)
Phone: OX 9-2497
343. Giles Tool Agencies
135 Beech Ave. (8)
Phone: OX 9-2497
344. Griswold Engrg. Ltd.
Room 317, Terminal Whse. Bldg.
Phone: EM 4-1371
345. Gross Machinery & Supply Co. Ltd.
18-24 Jarvis St. (1)
Phone: EM 4-0366
346. Hall Ltd., J & E
267 Davenport Rd.
Phone: EM 8-6171
347. Handy & Harman of Canada Ltd.
141 John St. (2B)
Phone: EM 8-6171
348. Hard Metal Fabricators Ltd.
731 Runnymede Rd. (9)
Phone: RO 2-7585
349. Hercules Presses Ltd.
84 Tycos Dr. (19)
Phone: RU 3-6241
350. Hoffman Industries of Canada Ltd.
62 Richmond St., W. (1)
Phone: EM 3-0812
351. Hope Machinery Co.
200 Delhousie St. (1)
Phone: EM 3-8579
352. Hysol (Canada) Ltd.
P. O. Box 53, Station "R" (17)
Phone: HO 1-0708
353. Indufab Ltd.
32 Front St., W. (1)
Phone: EM 4-9838
354. Industrial Distributing Co.
293 Kipling Ave., S. (18)
Phone: CL 9-3245
355. Industrial & Technical Service
1950 Bayview Ave.
Phone: BA 5-1694
356. Ipsenlab of Canada Ltd.
27 Bermondsey Rd.
Phone: PL 7-3233
357. Johnson, Lewis & Reid Ltd.
15 Sheffield St. (15)
Phone: RO 3-1151
358. Johnston Machinery Sales
21 King St., E. (1)
Phone: EM 5-6621
359. Kenscott Ltd.
P. O. Box 4550
Adelaide St. P. O. (5)
Phone: WA 4-1171
360. Knowles & Foster (North Amer.) Ltd.
708 Terminal Bldg.
Phone: EM 3-5623
361. Leeds & Northrup, Canada
61 Industry St. (15)
362. Levitt Safety Ltd.
747 Vaughan Rd. (10)
363. Mabey Ltd., E. A.
24 Merton St. (At Yonge)
(7)
Phone: HU 5-4473
364. Mahaffy Iron Works Co. Ltd.
145 Kendal Ave. (4)
Phone: WA 3-8459
365. Marathon Equip. & Supply Co.
15 Birch Ave. (7)
366. Master Pneumatic Tools Ltd.
13 Racine Rd.
Phone: CH 7-0822
367. Metal & Wood Fastening Devices Co.
301 King St. E.
Phone: EM 4-1916
368. Miller Fluid Power Div.
4158 B. Dundas St. W.
Phone: BE 3-0831
369. Milwaukee Electric Tool Ltd.
156 Front St.
Phone: EM 4-0111
370. Monahan Supply Corp. Ltd.
189-191 Queen St., E. (2)
Phone: EM 3-6356
371. Moore Machinery Co.
48 Racine Rd. (Rexdale)
Phone: CH 4-6449
372. Morrison Machinery Co. Ltd., J. B.
150 Bentworth Ave. (19)
Phone: RU 7-0275
373. Nelson Stud Welding Div.
108 Tycos Dr. (19)
Phone: RU 7-4287
374. Neptune Meters Ltd.
1430 Lakeshore Rd. (14)
Phone: CL 9-4211
375. Northwest Chemical Co.
907 Oxford St. (18)
Phone: RO 3-2211
376. Oakite Products of Canada Ltd.
8 Berkeley St. (2)
Phone: EM 6-5054
377. Ontor Ltd.
P. O. Box 608, Station "T"
Phone: RU 1-5296
378. Ormsby Co., A. N.
23 Scott St.
Phone: EM 8-8234
379. Pangborn Canada Ltd.
38A Mattison Rd.
Phone: CH 7-0621
380. Parr Industrial Sales Ltd.
1704 Avenue Rd. (12)
Phone: RU 1-9125
381. Peacock Brothers Ltd.
1669 Eglinton Ave., W. (10)
Phone: RU 1-4676 1-4766
382. Peckover's Ltd.
115 McCormack St.
Phone: RO 2-8272
383. Petrie Ltd., The H. W.
25 Bathurst St. (2B)
Phone: EM 4-1271
384. Pneumatic Industrial Equip.
2432 Kingston Rd. (13)
Phone: AM 1-7889
385. Porter Precision Products Canada Ltd.
1480 Queen St. E. (8)
Phone: HO 1-6136
386. Precision Rubber Products Ltd.
5302 Dundas St., W.
Phone: BE 3-1145
387. Precision Welder & Flexopress Ltd.
72 Carnforth Rd. (16)
388. Production Tools Co. Ltd.
128-130 Pears Ave.
Phone: WA 5-3851
389. R C Testing & Control Systems
618 Vaughn Rd. (10)
Phone: RU 1-6650
390. Railway & Power Engrg. Corp. Ltd.
197 Eastern Ave. (2)
Phone: EM 2-4771
391. Rapistin Canada Ltd.
888 Du Pont (9)
Phone: LE 4-8424
392. Reddy Elevator Co. Ltd.
39 Duchess
393. Regart Machinery Sales
1040 Birchmount Rd. (16)
Phone: OX 1-2149
394. Renolti Chains, Canada Ltd.
33 Edward St.
395. Richardson Agencies Ltd.
164 Bentworth Ave. (19)
P. O. Box 8, Station "T"
Phone: RU 7-4981
396. Richardson Equip. Co.
P. O. Box 883, Highland Creek
Phone: AT 2-1301
397. Ritchey Supply Co.
226 Geary Ave. at Dufferin (4)
Phone: LE 6-2121
398. Roberts' Machinery Co., H. E.
179 King St., E.
Phone: HU 3-2776
399. Rousseau Controls Ltd.
2149 Yonge St. (7)
Phone: HU 3-2776
400. Rudel Machinery Co. Ltd.
278 Lake Shore Blvd., E. (1)
Phone: EM 6-2805

SALES OFFICES

TORONTO (cont.)

401. Ryder Machinery Co., J. H.
360 Evans Ave. (14)
P. O. Box 36
Phone: CL 9-7841
402. Safety Supply Co.
214 King St., E. (2)
Phone: HU 7-2141
403. Sampson & Co. Ltd., E. T.
601 Martin St. (7)
Phone: HU 7-2141
404. Scott Fittings Ltd.
159 Bay St. - Suite 1024 (1)
Phone: EM 6-4921
405. Sevrance Tools of Canada
1232 Eglinton Ave., W. (10)
Phone: RU 1-4641
406. Spaulding Fibre of Canada
Ltd.
70 Coronet Rd. (18)
Phone: BE 3-2153
407. Spotton Co. Ltd., John
21 Carson St. (14)
Phone: CL 9-8276
408. Standard Pressed Steel Co.
Stanco Canada Ltd.
193 Bartley Dr. (16)
Phone: BE 2-2301
409. Stokes Corp., F. J.
4198 Dundas St. (18)
Phone: BE 2-2301
410. Storey Machinery Co., Gil-
bert C.
1220 Dundas St., E. (8)
Phone: HO 1-0433
411. Stratoflex of Canada Inc.
91 Kipling Ave., S. (18)
Phone: BE 3-1193
412. Stuart Co. Ltd., Michael
102 Eglinton Ave., E. (18)
Phone: HU 1-3361
413. Sun Oil Co. Ltd., Toronto
600 University Ave. (2)
Phone: EM 6-5861
414. Surface Industrial Furnaces
Ltd.
2490 Bloor St., W. (9)
Phone: RO 6-3476
415. Syntrol Ltd.
932 The Queensway (14)
Phone: CL 9-5121
416. Taitnall Measuring & Nu-
clear Systems Ltd.
46 Hollinger Rd. (16)
Phone: PL 5-5122
417. TEM Sales Co.
579 Eglinton Ave., W.
Phone: RU 1-3371
418. Thor Power Tool Co.
1909 Davenport Rd. (9)
Phone: RO 2-7279
419. Tickins Industrial Products
Ltd.
1062 N. Kipling
Phone: RU 7-5441
420. Ultrasonic Industries (Can-
ada) Ltd.
1514 Eglinton Ave., W.
(10)
421. U. S. Gauge Div.
2773 Dufferin St. (19)
Phone: RU 7-5441
422. Upton Bradeen & James Ltd.
890 Yonge St. (5)
Phone: WA 4-5751
423. Vanadium-Alloys Steel
Canada Ltd.
3035 Dufferin St.
Phone: RU 3-4271
424. Vaughan-Bedell Ltd.
23 Scott St. (1)
Phone: EM 4-4900
425. Vickers-Sperry of Canada
92 Advance Rd. (18)
Phone: BE 2-1191
426. Wainbee Tools Ltd.
84 Racine Rd.
Rexdale P. O.
Phone: CH 3301
427. Watkins Co. Ltd., W. R.
41 Kipling Ave., S. (18)
Phone: BE 3-2161
428. Wayne Forge & Machine Co.
Ltd.
15 Sinclair Ave.
429. Weatherley Machine Co.
Federated Consultants
Bldg.
209 Davenport Rd.
Phone: WA 4-9671
430. Wesson Cutting Tools
93 Judge Rd. (18)
Phone: BE 1-3381

431. Wickman Ltd., A. C.
1425 Queensway, Etc. (14)
P. O. Box 9, Station "N"
Phone: CL 9-2311
432. Wilson Ltd., James H.
333 Bering Ave. (13)
Phone: EM 4-2381
433. Williams Machinery Co. Ltd.,
A. R.
373 Front St., E.
Phone: EM 4-2381
434. Williams & Wilson Ltd.
71 Front St.
Phone: EM 3-8731
435. Windeler & Co. Ltd., John
2569 Dundas St., W. (9)
Phone: RO 6-8101
436. Winnett-Boyd Ltd.
745 Mt. Pleasant Rd. (7)
Phone: HU 1-3722

WALKERVILLE

437. Duncan Machine Co., Ltd.,
D. M.
1958 Wyandott St., E.
P. O. Box 160
Phone: CL 3-1132
438. White Co. Ltd., George T.
378 Devonshire Rd.
Phone: 4-7591

WALLACEBURG

439. Jessop Steel of Canada Ltd.
P. O. Box 59
Phone: EM 8-2727

WATERLOO

440. Meyer Industrial Ltd.
133 Weber St.
Phone: SH 5-6821
441. Sickles of Canada Ltd., F. W.

WELLAND

442. Welland Electric Steel
Foundry Ltd.
Phone: RE 4-7462
443. Whiting Corp. Ltd.
350 Alexander St.
Phone: RE 2-1352

WESTON

444. Denison Engrg. Div.
28 Rivalda Rd.
Phone: CH 1-4681
445. Johnston Equip. Co. Ltd., G.
N.
132 Rivalda Rd.
Phone: RU 1-6631
446. Stephany, Harold
24 Academy Rd.
Phone: CH 4-9821

WEST TORONTO

447. Hagan Corp. (Canada) Ltd.
185 Eileen Ave.
Phone: RO 2-8285
448. Ness & Co., H. A.
698 Weston Rd. (3)
Phone: RO 6415

WILLOWDALE

449. Chain Belt (Canada) Ltd.
1181 Sheppard Ave., E.
P. O. Box 130
Phone: BA 1-9361
450. Mosher, Allison F.
57 Dromore Crescent
Phone: EM 6-0787
451. Wilson, William E.
P. O. Box 187
Phone: BA 5-2006

WINDSOR

452. Acme-Bertram Machine
Tools Ltd.
1922 Wyandott St., E.
Phone: CL 4-8644
453. Air & Hydraulic Sales
P. O. Box 323
Walkerville Postal Station
Phone: CL 6-8839
454. Amchem Products Inc.
224 Walker Rd.
Phone: CL 3-9808
455. Barber Machinery Div., F. F.
139 Tecumseh Rd., W.
Phone: CL 3-2451
456. Barker Industrial Equip. Ltd.
457. Bellows-Valvair Ltd.
504 Victoria Ave.
Phone: CL 6-6724
458. C. B. Sales
R. R. #1
Belle River, Hwy. 39

- 458A. Canadian Fairbanks Morse
Ltd., The
357 Pitt St., E.
Phone: CL 3-5293
459. Colonial Tool Co. Ltd.
1691 Walker Rd.
Phone: CL 3-2461
460. Cope & Gurr Machinery Co.
Ltd.
2474 Central Ave.
Phone: WH 5-2314
461. Downtown Auto Supply
205 Glengarry St.
462. Duncan Machinery Co. Ltd.,
D. M.
1958 Wyandott St., E.
Phone: 3-1132
463. Ex-Cell-O Sales Assoc. Ltd.
Box 190, Walkerville
Postal Sta.
Phone: CL 3-2461
464. Fitzgerald, Norval T.
1044 Askin Ave.
465. Henze Co. Ltd., C. H.
2570 Ouellette Ave.
Phone: CL 4-6413
466. Master Pneumatic Tools Ltd.
504 Victoria Ave.
Phone: CL 6-2893
467. Par Industrial Sales Ltd.
504 Victoria Ave.
Phone: CL 2-4553
468. Railway & Power Engrg.
Corp. Ltd.
408 Hanna St., E.
Phone: CL 6-5408
469. Rudel Machinery Co. Ltd.
1454 Ouellette Ave.
Phone: CL 6-7886
470. Ryder Machinery Co. Ltd., J.
H.
1785 Walker Rd.
Phone: CL 3-1156
471. Sun Oil Co. Ltd., Toronto
Phone: CL 6-6028
472. Upton Bradeen & James Ltd.
624 Chilver Rd.
Phone: CL 4-8623
473. Vanadium-Alloys Steel
Canada Ltd.
1968 Wyandott St., E.
Phone: CL 2-7112
474. Weltronic Co.
3244 Curry Ave.
Phone: YO 9-0387
475. Wheel Trueing Tool Co. of
Canada Ltd.
575 Langlois Ave.
Phone: CL 4-3285
476. Wickman Ltd., A. C.
Room 604, Canada Bldg.
Phone: CL 3-5428
477. Williams & Wilson Ltd.
1465 Tecumseh Rd., E.
Phone: CL 3-5676
478. Windsor Tool & Die Ltd.
1680 Kildare Rd.
Phone: CL 6-2606

QUEBEC

DORVAL

479. Marshall Equip. Co. Inc.
61 O'Connell Ave.
480. Wainbee Tools Ltd.
56 Michel Jasmin
Phone: ME 1-6071

DRUMMONDVILLE

481. Drummond Oxygen Reg'd
529A Lindsay St.

LACHINE

482. Brunner & Lay (Canada)
Ltd.
2280-43rd Ave.
Phone: ME 1-8588
483. Cowper Co. Ltd.
515 4th Ave.
Phone: ME 7-6746
484. Miller Fluid Power Div.
980-45th Ave.
Phone: UN 1-1304
485. Tamper Ltd.
160 St. Joseph St.
Phone: ME 7-5531
486. Wainbee Tools Ltd.
56 Michel Jasmin (1)
Phone: ME 1-6071

QUEBEC

MONTREAL

487. Abercorn Aero Ltd.
7435 Chester Ave. (29)
Phone: HU 9-4978
488. Acme-Bertram Machine
Tools Ltd.
7445 Chester Ave. (29)
Phone: DE 8447
489. Adlam Tool & Supply Co.
Ltd.
1015 St. Alexander St.
Phone: UN 6-5075
490. Affiliated Engrg. Corp. Ltd.
940 Cote De Liesse Rd.
Phone: RI 4-4978
491. Air & Hydraulic Equip.
Div.
1381 St. James St. (3)
Phone: WE 7-9374
492. Alexander & Orlick Ltd.
5316 Park Ave.
Phone: CR 1-5840
493. Armstrong Beverley Engrg.
Ltd.
6975 Jeanne Mance St. (15)
Phone: CR 4-3538
494. Aviation Electric Ltd.
200 Laurentien Blvd.
Phone: RI 4-2811
495. Aviquipo of Canada Ltd.
1980 Sherbrooke St., W.
(3)
Phone: WE 7-9531
496. Barber Machinery Co., F. F.
1600 Berri St.
Phone: VI 2-8215
497. Barer Engrg. & Machinery
Co. Ltd.
P. O. Box 1180 (3)
Phone: WE 7-3911
498. Barker Industrial Equip.
Ltd.
5165 Sherbrooke St., W.
Phone: HU 1-5646
499. Bellows-Valvair Ltd.
4479 St. Catherine St., W.
Phone: WE 7-5642
500. Bethlehem Steel Export Co.
of Canada Inc.
Dominion Square Bldg.
Phone: UN 6-3868
501. Borland Co., W. George
418 New Birks Bldg.
Phone: UN 6-9061
502. Braidwood & Sons Ltd.,
John
66 Nazareth St.
Phone: UN 6-3521
503. Brian, Joseph M.
5275 Van Horne Ave. (29)
Phone: RE 7-2800
504. Brigadier Engrg. Products
Ltd.
Suite 144
1240 Drummond St. (25)
Phone: UN 6-6036
505. Brooks & Co., John
6525 Somerled Ave., NDG
(29)
Phone: HU 9-3856
506. Campbell & Co., A. J.
1440 St. Catherine St., W.
507. Canadian Allis-Chalmers
3333 Cavendish Blvd.
Phone: HU 9-8271
508. Canadian Bronze Co. Ltd.
999 Delorimier Ave. (24)
Phone: LA 4-1131
509. Canadian Devices Ltd.
614 St. James St., W. (3)
Phone: UN 1-1068
510. Canadian Fairbanks Morse
Co. Ltd., The
980 St. Antoine St.
Phone: UN 1-9011
511. Canadian Lift Truck Co. Ltd.
149 Beaumont Ave. (14)
Phone: CR 4-5671
512. Canadian Liquid Air Co. Ltd.
1111 Beaver Hall Hill (1)
451 St. Peter St. (1)
514. Chase Tools & Equip. Ltd.
657 Jarry St., W.
Phone: CR 4-9594
515. Climax Co., The
795 Versailles St.

SALES OFFICES

QUEBEC

MONTREAL (cont.)

- 516. Cowper Co. Ltd.
515 - 4th Ave. - Lachine
(32)
Phone: ME 7-6746
- 517. Darling Bros. Ltd.
140 Prince St.
518. Deane & Co., B. W.
236 St. Augustin St. (30)
Phone: WE 5-7493
- 519. Diamond Productions Co. of Canada
758 Victoria Square
Phone: UN 8-1791
- 520. DoALL Eastern Canada Ltd.
330 Port Royal, W. (12)
Phone: DU 7-6458
- 521. Drummond McCall & Co.
P. O. Box 219
Phone: UN 6-3061
- 522. Dulson, Frank & Co. Ltd.
141 St. Peter St.
- 523. Electrodesign
736 Notre Dame St., W.
Phone: UN 6-7367
- 524. Electrolabs
7385 St. Lawrence Blvd.
Phone: CR 6-6076
- 525. Electro-Tech Co.
100 Ballantyne Ave.
Phone: HU 1-0771
- 526. Enterprise Agencies Ltd.
5301 Western Ave.
Phone: HU 4-3551
- 527. Ex-Cell-O Sales Assoc.
7435 Chester Ave., N. D. G.
Phone: HU 9-1761
- 528. Fern Tool Co., The
P. O. Box 76, Station "O"
(9)
- 529. Ferro Technique Ltd.
560 Montee De Liesse (9)
Phone: RI 7-2451
- 530. French Sales Ltd., Phillip B.
8425 Mountain Sights Ave.
(16)
Phone: RE 9-1382
- 531. Gardner-Denver Co. Ltd.
5825 St. James St., W.
Phone: HU 1-7781
- 532. General Controls Co. (Canadian) Ltd.
5165 Sherbrooke St., W.
Phone: HU 1-4923
- 533. Griswold Engrg. Ltd.
146 Bates Rd. (8)
Phone: RE 9-6336
- 534. Hagan Corp. Ltd.
6555 Cote des Neiges Rd.
(26)
Phone: RE 5-3609
- 535. Hall Distributors Reg'd.
1930A Dorchester St., W.
(25)
Phone: WE 5-4778
- 536. Hall Ltd., J & E
5031 Cote de Liesse Rd. (9)
- 537. Hamilton Gear & Machine
6785 Upper Lachine Rd.
(28)
Phone: HU 4-4382
- 538. Hooker Ltd., Samuel C.
2425 Grand Blvd.
Phone: HU 8-8321
- 539. Hughes & Assoc. Inc.,
Francis
4859 Amiens
- 540. Hunter-Douglas Ltd.
9500 St. Lawrence Blvd.
Phone: DU 1-3981
- 541. Industrial Import Co.
1104 Beaver Hall Hill
- 542. Industrial Materials Supply Co. of Canada
267 Dunbar Ave. (16)
- 543. Industrial Projects Ltd.
2175 Crescent St. (25)
- 544. Industrial Steel & Supply Co. Ltd.
9790 Boul. St.-Laurent Blvd
(12)
Phone: DU 8-9206
- 545. International Equip. Co. Ltd.
Place D'Armes
P. O. Box 1270
- 546. International Machinery Ltd.
65 Dalhousie St. at Wellington (3)

- 547. Jaquays, Starke & Co.
7920-16th Ave. (38)
Ville St. Michel
Phone: RA 8-9293
- 548. Jervis-Webb Co.
5803 Cote Des Neiges Rd.
Phone: RE 8-4514
- 549. Johnston Equip. Co. Ltd.,
G. N.
P. O. Box 1073, Station
"O"
1061 Decarie Blvd. (9)
Phone: RI 8-7978
- 550. Karvin Industrial Supply
5757 Decelles Ave.
551. Kent Engrg. Co.
4033 Decarie Blvd. at N.
D. G. Ave. (28)
Phone: HU 1-0213
- 552. Lea Products Co.
996 DeBullion St.
- 553. MacAulay & Assoc., D. J.
1846 Dorchester St., W.
(25)
Phone: WE 2-4185
- 554. Martin Engrg. Inc.
1846 Dorchester St., W.
Phone: WI 4185
- 555. Master Pneumatic Tools Ltd.
7865 St. Lawrence Rd. (10)
Phone: CR 3-3836
- 556. McCormick Machinery Co.
163 Murrar St.
- 557. Mercer Co. Ltd., Keith
P. O. Box 29, Victoria Sta.
(6)
- 558. Metal & Wood Fastening Devices Co.
6302 Papineau Ave. (35)
Phone: CR 4-9434
- 559. Monat & Co. Ltd., C. O.
6520 Park Ave.
Phone: CR 7-1115
- 560. Montreal Bronze Ltd.
999 Delorimier Ave. (24)
Phone: LA 4-1131
- 561. Moody, Matther & Sons, Co.
P. O. Box 10, Mt. Royal
P. O. (16)
- 562. Moore Brothers Machinery Co. Ltd.
953 St. James St.
Phone: UN 6-2741
- 563. National Bearings Ltd.
1835 St. Antoine
Phone: WE 7-2345
- 564. Nelson Stud Welding Div.
5350 Ferrier St.
Phone: RE 1-2515
- 565. New Hermes Engraving Machine Ltd.
359 St. James St., W.
- 566. Newman Foundry Supply Ltd.
P. O. Box 160
St. Lambert
Phone: OR 1-1926
- 567. Osborn (Canada) Ltd., Samuel
730 Imperial Ave.
Phone: UN 6-1818
- 568. Pascal Hardware Co., The J.
301 Craig St., W.
Phone: UN 6-5692
- 569. Pangborn Corp.
5925 Monkland Ave. (28)
Phone: HU 9-1542
- 570. Parker Imports Ltd.
1414 Bates Rd. (26)
- 571. Peacock Brothers Ltd.
310 Victoria Ave. (6)
Westmount
Phone: HU 1-7723
- 572. Peckover's Ltd.
2052 St. Catherine St., W.
Phone: WE 3-6717
- 573. Pilot Steel & Tool Co. Ltd.
7290 Upper Lachine Rd.
- 574. Playford Ltd., E. W.
5851 Upper Lachine Rd.
Phone: HU 9-5383
- 575. Pollack-Josephson & Assoc.,
J.
P. O. Box 232-Ourtemont
Phone: RE 3-0633
- 576. Power Press & Equip. Co.
1381 St. James St., W.
- 577. R & M Bearings Canada Ltd.
1006 Mountain St.
Phone: EM 2-1041

MONTREAL (cont.)

- 578. Radionics Ltd. Inc.
8230 Mayrand St. (9)
Phone: RE 9-5517
- 579. Railway & Power Engrg. Corp. Ltd.
3745 St. James W. (30)
Phone: WE 3-6741
- 580. Renold Chains Canada Ltd.
1096 Mountain St.
Phone: EM 6-6621
- 581. Richardson Agencies Ltd.
P. O. Box 2, Station "O"
(9)
Phone: RI 4-4967
- 582. Rousseau Controls Ltd.
640 de Courcelle (30)
Phone: WE 7-3521
- 583. Rudel Machinery Co. Ltd.
614 St. James St., W.
Phone: VI 5-7171
- 584. Ryder Machinery Co. Ltd.,
J. H.
8455 Decarie Blvd.
Phone: RI 4-3861
- 585. Sampson & Co. Ltd., E. T.
510 Canal Bank Ville St.
Pierre (32)
Phone: HU 1-0183-4
- 586. Simpson Machinery Ltd.
2150 Wilson Ave. (28)
Phone: HU 1-2724
- 587. Smith & Co., C. H.
4280 Gascon Ave. (34)
Phone: LA 6-5509
- 588. Smith Ltd., Irving
2095 Madison Ave. (28)
Phone: HU 4-1153
- 589. Standard Chemical Ltd.
5070 St. Ambroise St. (30)
Phone: GL 3907
- 590. Strippit Tool & Machine Co.
630 Rue Cathcart
Phone: UN 6-9581
- 591. Sun Oil Co. Ltd., Quebec
3550 St. Patrick St. (20)
Phone: WE 5-2423
- 592. Syntrol Ltd.
105 Elmalle St. (32)
Ville LaSalle
Phone: DO 6-3480-81
- 593. Tarshis & Sons Ltd., L. S.
450 McGill St.
Phone: VI 2-2963
- 594. TEM Sales Co.
P. O. Box 129, N. D. C.
1255 University St., Room
123
Phone: UN 6-4834
- 595. Tonquay, William
5534 Hutchinson St.
- 596. U. S. Gauge Div.
5275 Van Horne Ave. (29)
Phone: RE 7-2860
- 597. Upton, Bradeen, & James
Ltd.
8780 Verville St.
Phone: CI 4-8623
- 598. Vanadium-Alloys Steel
Canada Ltd.
7435 Chester Ave., N. D. G.
Phone: HU 1-0197
- 599. Veeder-Root of Canada Ltd.
955 St. James St., W. (3)
Phone: UN 6-95406
- 600. Vickers-Sperry of Canada
Ltd.
318 Victoria Ave. (6)
Phone: HU 9-7621
- 601. Walton, Humphrey B.
1255 University St. (room
123)
Phone: UN 6-4164
- 602. Welding & Supplies Co. Ltd.
3445 Parthenais St. (24)
- 603. West Chemical Products Ltd.
56-21-23 Casgrain Ave.
- 604. Wickman Ltd., A. C.
1462 Bishop St. (25)
Phone: VI 2-6839
- 605. Williams Machinery Co.,
A. R.
8355 Devenshire Rd. (9)
Town of Mt. Royal
Phone: RI 8-9381
- 606. Williams & Wilson Ltd.
P. O. Box 6117
544 Inspector St. (3)
Phone: UN 6-2851

- 607. Wilson Science Equip. Ltd.
300 Decarie Blvd. Ville St.
Laurent
Phone: RI 7-6524

POINTE CLAIRE

- 608. Aeromotive Engrg. Products Ltd.
147 Hymus Blvd.
Phone: ME 1-4396
OX 7-0810

QUEBEC CITY

- 608A. Canadian Fairbanks Morse Ltd., The
255 Blvd. des Capucins
Phone: LA 2-1548
- 609. Renold Chains Canada Ltd.
755 Blvd. Des Capucins
- 610. Rudel Machinery Co. Ltd.
995 Begin Ave.
Phone: LA 7-9426
- 611. Williams & Wilson Ltd.
65 St. Anne St.
722 Price House
Phone: QU 2-5862

ST. LAURENT

- 612. Eutectic Welding Alloys Co. of Canada Ltd.
5051 Cote de Liesse Rd.
Phone: RI 8-8868

ST. ROSE DE LAVAL

- 613. Stratoflex of Canada Inc.
263 Laval Blvd.
Phone: NA 5-3721

ST. THERESE

- 614. Precision Rubber Products Ltd.
156 Turgeon St.
Phone: TA 3-3613

SHERBROOK

- 615. Armstrong Distributors
286 Aberdeen St.
- 616. Canadian Allis-Chalmers
P. O. Box 385
Phone: LO 2-6130

SOREL

- 617. Crucible Steel of Canada Ltd.
Phone: RI 3-3382

THREE RIVERS

- 618. Lynn, McLeod Engrg. Supplies Ltd.
- 619. Renold Chains, Canada Ltd.
375 St. Georges St.

VERDUN

- 620. Airetool Canada Ltd.
1044 Desmarchais Blvd.
Phone: FO 7-7562
- 621. Alexander & Orlick Ltd.
5316 Park St.
Phone: CR 1-6840

WATERLOO

- 622. Croname Canada Ltd.

WESTMOUNT

- 623. Alloycraft Ltd.
27 Hillside Ave. (6)
- 624. Dibble Tools Ltd.
9 Brooke Ave.
Phone: WE 2-5801

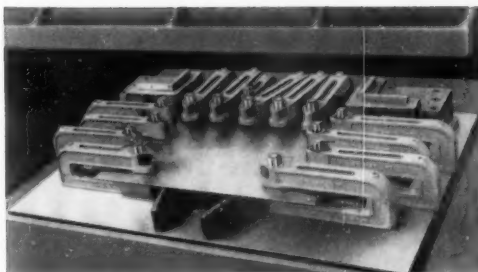
SASKATCHEWAN

REGINA

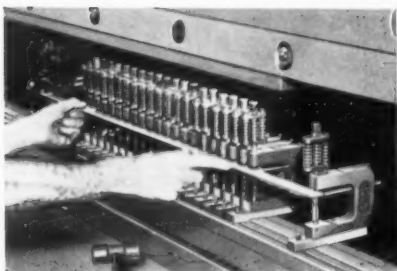
- 624A. Canadian Fairbanks Morse Ltd., The
1202 Osier St.
Phone: JO 9-5491
- 625. Clarke Ltd., H. F.
2605 Edward St.

SASKATOON

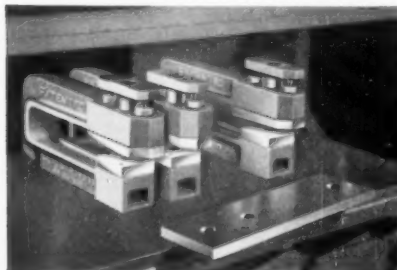
- 625A. Canadian Fairbanks Morse Ltd., The
601 2nd St.
Phone: CH 4-6195
- 626. Northern Mine & Drilling Supplies Ltd.
P. O. Box 506
Phone: 28188



STRIPPIT eliminates expensive custom dies. Type "BL" Units used in press set-up save the time and cost involved in designing and building single-purpose dies. "BL" Units punch holes to .3500" diameter in $\frac{1}{8}$ " material.

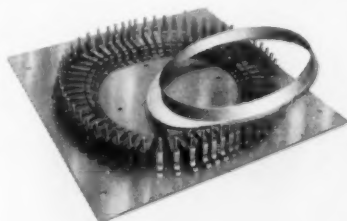


STRIPPIT lowers labor costs. Typical setup of Type "C" Units can be set up by any good bench man. No high-salaried tool and die makers needed. "C" Units punch holes to .3125" diameter in $\frac{1}{8}$ " material.



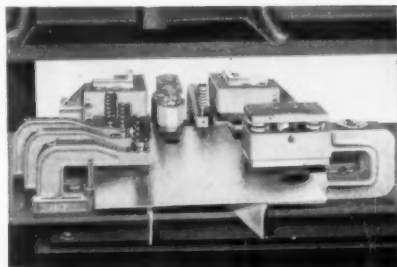
STRIPPIT shortens lead time . . . setup of Type "HS" Hydra-Strip Units shows $\frac{1}{4}$ " thick punched piece in foreground. STRIPPIT tooling like this can be set up immediately after the pattern is O.K.'d.

STRIPPIT cuts press downtime. Type "H" Unit setup is ready to move into press as soon as previous run is finished. Nothing attaches to the press ram. Type "H" Units punch holes up to .500" diameter in $\frac{1}{8}$ " material.

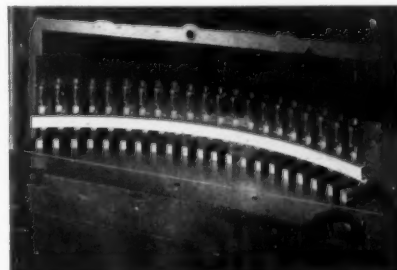


Cut costs with STRIPPIT Self- Contained Tooling

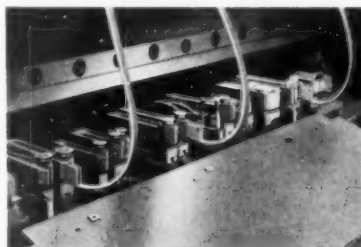
STRIPPIT gives you a complete line (including notching and slotting units) from a single source. Nationwide sales and service is available through trained tooling methods engineers. Specify STRIPPIT, the original system of self-contained tooling. Write now for the new STRIPPIT General Catalog.



STRIPPIT assures minimum investment. "CJ" Units punch a variety of hole sizes to .3500" diameter. Simply replace punches and dies! Re-using units reduces investment in idle dies, practically eliminates die storage problem.



STRIPPIT sets up faster, more accurately. Type "E" Units for punching holes in channels and shapes are permanently aligned. Pilot pin is concentric with punch to assure fast, accurate positioning on precision-drilled template.



STRIPPIT provides unlimited versatility. Type "BL" Pierce Nut Units punch and stake Fabristeel Multipierce Nuts, can emboss simultaneously. STRIPPIT units can be set up in any hole pattern and used over and over again.



WALES

STRIPPIT INC.

256 Buell Road • Akron, New York

In Canada: Strippit Tool & Machine Company, Brampton, Ontario.



NOPAK

SMASHES

DESIGN BARRIER

with world's first

SQUARE BARREL CLASS 7 CYLINDER

ALL SQUARE CONTOUR

The NOPAK Class 7 is the first volume produced cylinder to provide the spectacular advantages of the complete all-square design. Aligning the square heads with a square barrel results in four flush sides . . . no humps, no bumps, only clean, smooth lines throughout.

NEW MOUNTING CONCEPT

Only NOPAK's exclusive Square Barrel can give you this unique mounting! Mounting holes can be drilled or tapped directly into cylinder tubing, either longitudinally or at right angles. Cylinder heads can be similarly utilized.

**ACTUAL
SIZE
1" DIAM.
BY 3"
STROKE**

MOST POWER PER POUND

Aluminum barrel . . . aluminum heads . . . no tie-rods . . . give the Class 7 cylinder the greatest power-weight ratio available.

MODERN MATERIALS

Extruded and pressure-cast aluminum (hard anodized) set new standards of performance, durability and light weight.

MINIMUM SPACE

With or without heads, and tie rods eliminated, this Square Barrel cylinder can be built into your machine as an integral unit . . . in less space than any competitive cylinder.

CLEAN LINES

No tie-rods, no complex head locks, no uneven dirt-catching surfaces . . . make the NOPAK Class 7 Square Barrel a must for food processing, vending machinery, clinical equipment or any place where sanitary conditions or neat appearance are paramount.

STACK COMPACT

Because of their contour, Square Barrel cylinders can be stacked one above the other or mounted side by side in the smallest possible space.

VERSATILE, ADAPTABLE

Quick-change mounting attachments in various combinations of foot, flange, clevis or trunnion can be used to meet a wide range of application requirements with one basic cylinder.

Write for Catalog 107

NOPAK VALVES and CYLINDERS

GALLAND-HENNING NOPAK DIVISION

2750 S. 31st Street
MILWAUKEE 46, WIS.

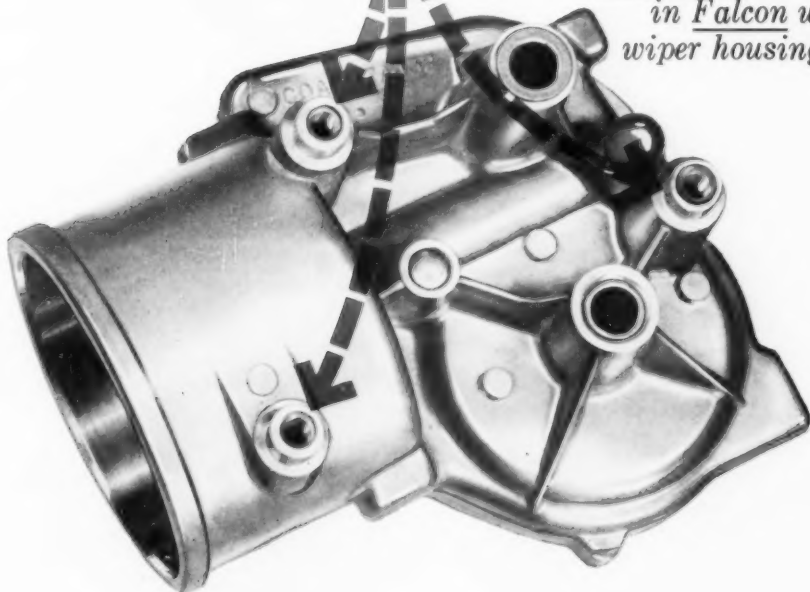


FORD GAINS 500% IN TOOL LIFE



BESLY X-PRESS TAPS
Speed-form internal threads in metals such as copper, brass, die castings, aluminum, lead, leaded steels and other ductile materials. They are available in standard tap sizes and various styles for through or bottoming holes. Patent No. Re. 24,572. Other patents pending.

*when Besly X-Press® Taps
speed-form internal threads
in Falcon windshield
wiper housing!*



Ford Motor Company's *Falcon* will give you good forward vision in rain, snow or sleet with its powerful windshield wiper.

Besly X-Press Taps, in a Kingsbury 3-spindle machine, tap directly into three cored holes in the Falcon's aluminum die cast windshield wiper housing. Drilling operations were avoided. Production is continuous. The Besly

X-Press Tap produced as high as 50,000 tapped holes before replacement—thus offering increases of approximately 500% in tool life over conventional cutting-type taps. *Speed-forming* makes stronger, burnished internal threads, without cutting. There are no chips to load the tap in bottoming holes such as these. And faster cycling speeds production!

BESLY®

Copyright 1960, Besly-Welles Corporation, South Beloit, Illinois, U. S. A.



BESLY-WELLES CORPORATION

120 Dearborn Ave., South Beloit, Illinois

Grinders and Abrasives • Taps • X-Press Taps® • Drills • Reamers • End Mills • Tool Bits
Gages • Carbide Tipped Tools, Blanks, Inserts and Holders

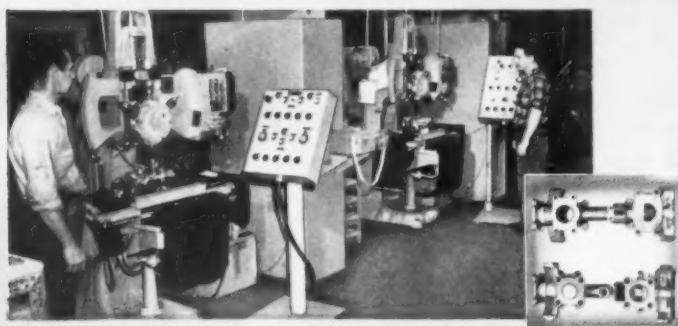
Production Increases of BURGMASER 6 & 8 SPINDLE

These case histories have been selected to show the actual savings and advantages produced by various models of Burgmaster Turret Drilling, Tapping, and Boring machines including hand operated, automatic Hydraulic, and Automatic Tape Controlled 6 and 8 spindle models. The machine features responsible for these production increases are, collectively: Power Turret Indexing, Skip Spindles when desired, Pre-selective spindle speeds,

Pre-selective infinitely variable feeds, Pre-selective rapid approach and return, adjustable micro-depth stops, automatic cycles and tape controls. All machining operations are performed at the most efficient rate commensurate with fine finish, accuracy, speed, and longest tool life. Why not get the information on the Burgmaster that specifically suits your work? There is no obligation.

Case History I. BURGMASER TAPE CONTROL TURRET DRILL

INCREASES PRODUCTION 440%



Company: Clifford Manufacturing Co.,
Div. Standard-Thomson Corp., Waltham, Mass.
Part: #347 Stainless Steel Valve Body.
Holding: Simple quick acting clamps.
Operations: 59, including Center Drill, Drill, Ream and C'Bore.
Former Method: Multi-drill set-up using Dowel Holding Fixtures.
Former Time: 2.7 hours.
Present Time: .5 hours
Production Increase: 440%.
Other Advantages: Accuracy far beyond the required tolerance, less spoilage, finer finish, greatly reduced fixture cost.

Case History II. BURGMASER AUTOMATIC HYDRAULIC 6 SPINDLE TURRET DRILL INCREASES PRODUCTION 406%

Company: Holley Carburetor Company, Warren, Mich.
Part: Fuel Control Bodies for Jet Engines—3 Parts.
Material: Aluminum Casting.
Holding: Simple Holding and Locating Fixtures.
Former Method: Single Spindle Drill Presses.
Production Increase: 406% average.
Other Advantages: One man runs 2 machines—quality is substantially improved—fewer rejections.



Write for Bulletin describing briefly the full line of Burgmaster Turret Drilling, Taping and Boring Machines. Detailed bulletins also available on each model. A 16mm sound film showing machines in operation is available from any office.

World's Largest Builder of Turret Drilling Machines



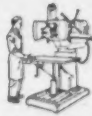
10 Manual
Power Index
1/2" Capacity



1C Manual
Power Index
3/4" Capacity



2B Manual
Power Index
3/4" Capacity



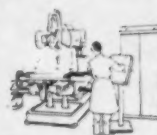
2BR Ram Type
Radial Drill
3/4" Capacity



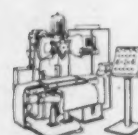
2BH Automatic
Hydraulic
3/4" Capacity



3BH Automatic
Hydraulic
1 1/2" Capacity



25AH Automatic
Tape Controlled
1 1/4" Capacity

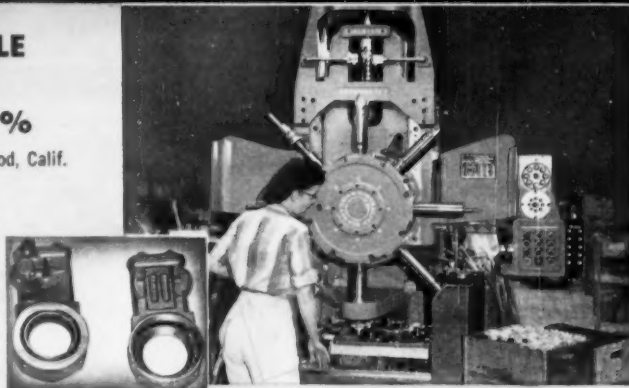


2BHT-3BHT Automatic
Tape Controlled
3/4" and 1 1/2" Capacity

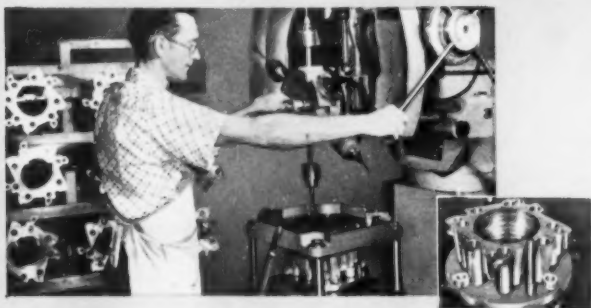
440%, 406%, 277%, 300% & 300% TURRET DRILLING MACHINES

Case History III. BURGMASER 8 SPINDLE AUTOMATIC HYDRAULIC TURRET DRILL INCREASES PRODUCTION 277%

Company: Whittaker Controls—Div. of Telecomputing Corp., Lynwood, Calif.
Part: Aircraft Slide Fuel Valve Body.
Holding: Special Air Indexing Fixture.
Operations: 8—including Bore, Groove, Chamfer, Face, Tap and Bottom groove—accuracy $\pm .000$ $-.002$
Former Method: On Turret Lathe.
Former Time: 9 minutes.
Present Time: 3.25 minutes.
Production Increase: 277%.
Other Advantages: Greater accuracy maintained, and less scrap loss. Does not require a skilled machinist.



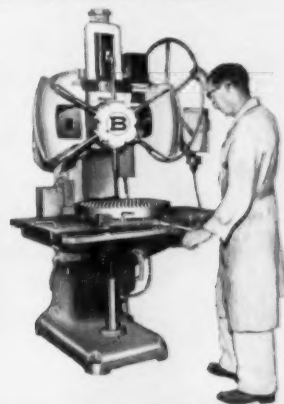
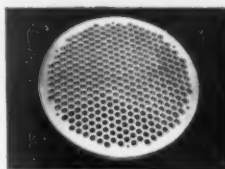
Case History IV. BURGMASER 6 SPINDLE RADIAL TURRET DRILL INCREASES PRODUCTION 300%



Company: Convair (Pomona) a Div. of General Dynamics Corp.
Part: Aluminum Hydraulic Manifold for Terrier Missile.
Total Operations: 96—including Drill, C'Sink, Ream, Chamfer and Tap—to accuracies of $\pm .002$ "
Holding: Special Fixtures with Drill Bushings.
Former Method: 4 and 6 spindle table drills.
Former Time: 1½ hours.
Present Time: ½ hour.
Production Increase: 300%.
Other Advantages: The total savings paid for the 6 Burgmasters in 2.04 years. Tool settings and cutting sequences are consistently and accurately repeated, dimensional consistency and closer tolerances are achieved.

Case History V. BURGMASER 6 SPINDLE MANUAL TURRET DRILL INCREASES PRODUCTION 300%

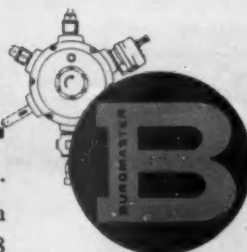
Company: Clayton Manufacturing Company, El Monte, California.
Part: Tube Sheet for Heat Exchanger—361 Holes.
Material: Mild Steel, 2" thick x 20 dia.
Holding: Special Hand Indexing Fixture.
Operations: 6 per hole, including Center Drill, Drill, Core Drill, Ream, Radius, and Groove.
Former Method: Radial Drill Press Costing \$20,000.
Former Time: 5 min. per hole using quick change Tool Holder.
Present Time: 1 min. 35 sec. per hole.
Production Increase: 300%.
Other Advantages: 68% less machining time, the Burgmaster cost \$4822 and replaced a \$20,000 radial drill press. Note the Burgmaster in this shop averages 25% to 68% time savings on every job.



BURG TOOL

MANUFACTURING COMPANY, INC.

15001 South Figueroa Street, Gardena, California
FAculty 1-3510 DAVis 9-4158



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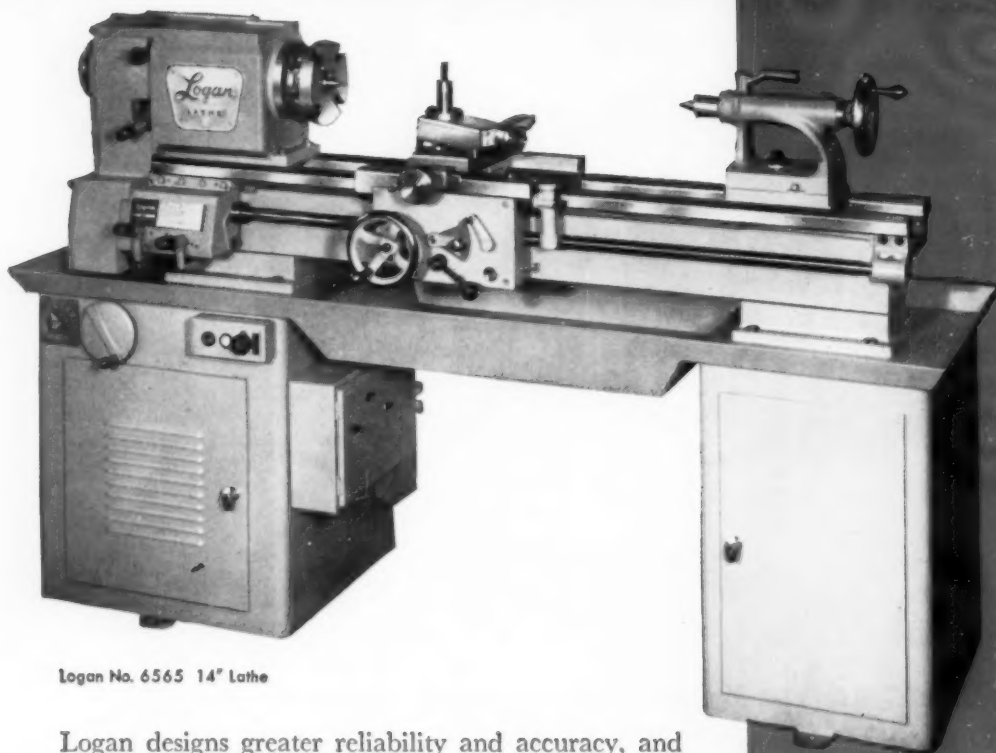
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Plus dealer
representatives in other
industrial centers.

its specifications add up
to high production capacity

Logan

14" Lathe



Logan No. 6565 14" Lathe

Logan designs greater reliability and accuracy, and longer life into its lathes by a generous combination of high-quality features. For instance—

- An oversize spindle with $1\frac{1}{8}$ " bore turns on four super-precision ball bearings with built-in preload
- A variable-speed drive lets you change speed while work is turning—without shifting belts
- A warp-free lathe bed with high, strong walls braced by oversize ribs to withstand heaviest stresses; two V-ways and two flat ways are flame-hardened and precision-ground.

There are many more reasons why this and other Logan Lathes have a greater capacity. The specifications tell the story. Write for literature and complete information.

- Spindle speeds to 2000 rpm.
- $1\frac{1}{2}$ " Levermatic collet chuck capacity
- $14\frac{3}{8}$ " swing over bed
- 9" swing over saddle cross slide
- 40" between centers

LOGAN ENGINEERING CO. Dept. U-660 4901 Lawrence Ave., Chicago 30, Ill.

CERROTECHNICS

makes short work of long jobs

CERROTECHNICS is the practice of using low-temperature-melting CERRO® ALLOYS to expedite 63 or more known industrial operations. The several CERRO ALLOYS have two notable characteristics: (1) they melt at relatively low temperatures; (2) in solidifying from the molten state they do not shrink. 23 of the more common applications are listed below.

ANCHORING

1. Bearings, bushings and non-moving parts in machinery.
2. Bushings in drill jigs, plates and fixtures.
3. Magnets in chucks, instruments, work-holding devices, etc.
4. Patterns in foundry match plates.
5. Punches and dies for blanking, piercing, trimming.

Also—

Bushings in abrasive wheels • cutlery handles • inserts and parts in ceramics, plastics, powdered metal, etc. • Locator members in aircraft and automotive assembly, drill, inspection and welding fixtures • hold-down bolts in floors • metal parts in glass • needles in lace and textile machinery • precision parts for testing and inspection • shafts in permanent magnet rotors.

CHUCKS FOR

6. Spinning metal into re-entrant or bottle neck shapes.
7. Holding irregular shaped work pieces during machining.

Also—

Lens buffing • gem cutting • etc.

CORES FOR

8. Electroforming external and internal shapes of copper, iron, nickel.
9. Holding and forming fiberglass laminates.

Also—

Intricate compound foundry cores • compound wax patterns • etc.

DIES AND PUNCHES

10. Drop hammer, for short run sheet metal forming.
11. Soft metal dies for "lost wax" patterns.
12. Repairing broken dies.

Also—

Light sheet metal embossing dies • form blocks for bending, forming, joggling extruded shapes, sheet metal and tubing • pilots for die casting and plastics trim dies • stretch press form blocks • stripper plates in stamping dies.

MODELS AND PATTERNS

13. Duplicate patterns for foundry match plates, ceramics, plastics.
14. Lining and sealing core boxes.
15. Tracer models for pantograph engraving and duplicating.

Also—

Dental models • model airplane, railroad, ship, etc. parts for hobbyists • patterns compensated for shrinkages • patterns and core boxes spray metallized, altered and repaired.

MOLDS FOR

16. Casting plastics (low temperature) elastomers, epoxies, phenolics, etc.
17. Forming sheet or tubular (polyethylene) plastics by vacuum or air pressure.
18. Encapsulating (potting) electrical and electronic components.

Also—

Duplicating plaster or plastic patterns • plastic teeth (dentistry) • prosthetic development work.

MISCELLANEOUS

19. Filler for molding and tube bending.
20. Fusible element in automatic sprinklers, fire alarms, etc.
21. Masks for electroplating and spray painting.
22. Sealing adjustment screws on gauges, instruments, machines, etc.
23. Sealing joints of glass-glass, glass-metal, hermetic seals in vacuum systems.

Also—

Filling blow holes in castings • fixtures for assembly, checking, die spotting, drilling, inspection • heat and pressure medium in autoclave • heat treating and tempering baths • seals in bright annealing and nitriding furnaces • radiopack contrast medium in X-ray • nests for drill jigs and dial feeding stations • proof casting for accurate internal measurements of forging dies, gun chambers, molds, etc. • repairing Masonite, plaster, plastic and wood tooling • many other applications.

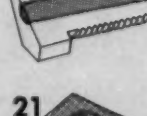
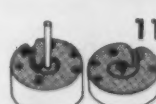
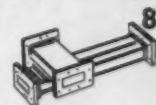
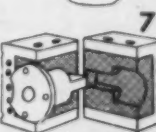
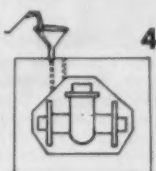
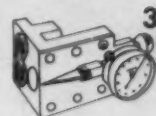
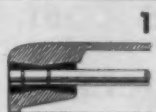
For further information on any application listed here, inquire by number or description.

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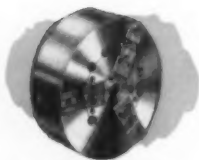
CERRO DE PASCO SALES CORPORATION

Room 1512 - 300 Park Avenue, New York 22, N. Y.



You'll get the job done faster at less cost with **Skinner metalworking products**

A complete line of hand chucks, power chucks, cylinders, vises



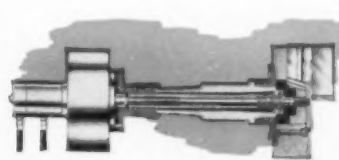
POWER CHUCKS

Provide positive gripping power. Assure accuracy within .001" on diameter on repetitive work. Available in self-centering, combination, serrated jaw, compensating, lightweight self-centering types and in sizes from 6" to 24" diameter. Mount directly on American Standard Type A-1, A-2, B-1 and B-2 flanged spindle noses.



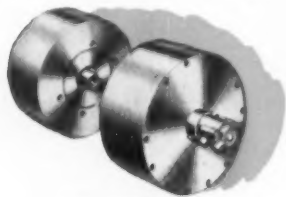
POWER CHUCK FIXTURES

Non-rotating. Hold work for drilling, milling, assembly operations. Air-operated for fast, effortless loading and unloading. In sizes from 5" to 24" with either two or three adjustable or non-adjustable jaws.



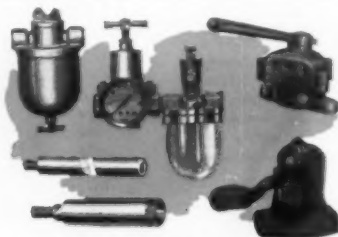
JUNIOR POWER CHUCKING UNIT

Designed to convert small lathes to high production power units. Case histories show users make worthwhile savings. Complete unit includes double-acting air cylinder, adapters, regulator, valve and self-centering chuck with 1/4" to 6" capacity. Components may be purchased separately.



AIR CYLINDERS

Double-acting, rotating operation. Speed production by opening or closing power chuck jaws almost instantly. Large ports assure fast action with minimum air expenditure. Standard sizes range from 4-1/2" to 20". Speeds up to 3500 RPM.



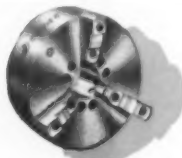
POWER CHUCKING ACCESSORIES

A complete line of power chucking accessories is available: Hand and foot operated valves, draw bars and tubes, air filters, complete air units.



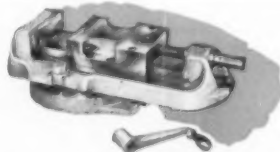
+6F+ WORK DRIVERS

Fastest, surest way to drive 1/4" to 8-1/16" rough or smooth blanks between centers. Used instead of driving dogs. Mount on spindle of any lathe by means of adaptor plate. Engage and disengage workpieces quickly. Positively will not loosen. Have no protruding parts. Hood completely covers jaws. Drivers will work in either direction.



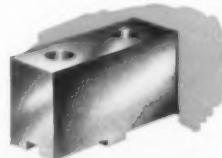
HAND-OPERATED CHUCKS

A large selection of Independent, Self-Centering and Combination chucks. Sizes suited to machines ranging from bench lathes to engine and turret lathes in sizes up to 36". Both direct mounting types and types for use with intermediate adaptor plates.



FULL CAPACITY TROUGH VISES SERIES F AND FS

A complete line of big capacity vises from 4" to 8". Available with or without swivel base. Opening capacity is equal to full width of jaws. Tremendous holding power for rough or finished work. Built-in trough returns coolant to machine table.



SOFT BLANK TOP JAWS

A complete line of medium and heavy duty blank jaws accurately machined to American Standard jaw dimensions. Jaws are low carbon alloy steel which can be carburized and heat-treated to the required hardness—available tongue and groove and serrated jaw types.

Skinner Products are sold through leading Industrial Distributors and Machine Tool Builders and Dealers.



THE CREST OF QUALITY

SKINNERCHUCKS

ESTABLISHED 1887, NEW BRITAIN, CONNECTICUT

A Complete Line of Solenoid Valves to answer your Control Problems.



Two-way C Series

A high quality, 2-way, miniature cut-off valve offering top performance at lowest price. Small, lightweight (only 12 oz.) yet designed to operate for millions of cycles in automotive fuel systems, oil burners, vending machines, dental equipment, air horns, welding equipment, humidifiers, automated systems, etc. Available normally closed only.



Two-way L Series

A newly designed high-flow industrial valve for use with all common media such as water, oil, air, etc. Light and compact, it mounts directly to the line. Forged naval brass body, stainless steel parts and fully supported diaphragm assures long life and troublefree operation. Available normally open, normally closed and explosionproof.



Two-way R Series

A 2-way, pilot operated piston valve for use with all common media including air, inert gases, water and oil at standard and high pressures up to 1250 psi. Light and compact, it can be mounted directly to the line in any position and has a life expectancy of millions of cycles on most applications. Available normally closed, normally open and explosionproof.



Two- and Three-way V10 Series

Extremely compact, direct-acting slide type, high pressure hydraulic valve up to 1000 psi. Balanced pressure design provides maximum power. Same valve can serve as either a 2- or 3-way normally open, normally closed or 3-way directional control in machine tools, door openers, hydraulic cylinders, construction equipment, pilot for larger valve, etc.

Two- and Three-way V5 Series

Available in 2- or 3-way and explosionproof construction, this is the most popular and versatile stainless steel valve series. Over 100,000 variations available. Unlimited applications include machine tools, instrumentation, automation, air and hydraulic cylinders, oil burners, LPG equipment, dispensing machines, automotive, aircraft, dehumidifiers, laundry equipment, etc.

Three-way A Series

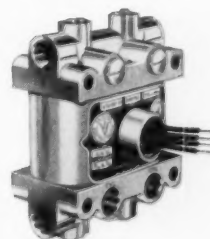
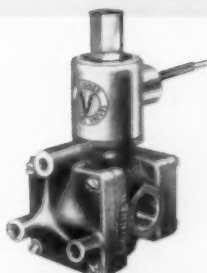
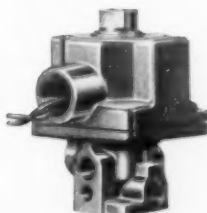
A new valve line designed for economical and efficient operation of medium size cylinders, this valve bridges the gap between the famous V5 line, used with small cylinders, and the reliable M3 line for large cylinders. It also provides faster operation of smaller cylinders where increased cycling speed is called for. It is designed for use with such media as air, oil and inert gases and can be used for vacuums down to 5 microns. Available normally open, normally closed, directional control and multi-directional.

Three-Way M Series

A 3-way valve for reliable high-flow industrial service under rugged conditions of use. Free-flow design provides large capacity with minimum sensitivity to media impurities in air lines, process equipment, presses, water treatment, air and hydraulic cylinders, machine tools, automotive equipment, etc. Available normally open, normally closed, directional control and explosionproof.

Four-way V9 Series

A compact, direct-acting, flexible all-purpose 4-way valve. Optional porting arrangements and speed control combinations provide over 350 basic variations for accurate, dependable control of single and double-acting cylinders, larger pilot-operated valves, etc. Available normally closed — normally open, normally open — normally open, normally closed — normally open, normally closed — normally open.



Skinner Solenoid Valves are distributed nationally.
See the Yellow Pages for name of representative near you.



THE CREST OF QUALITY

SKINNER ELECTRIC VALVES

THE SKINNER CHUCK COMPANY

NEW BRITAIN, CONNECTICUT

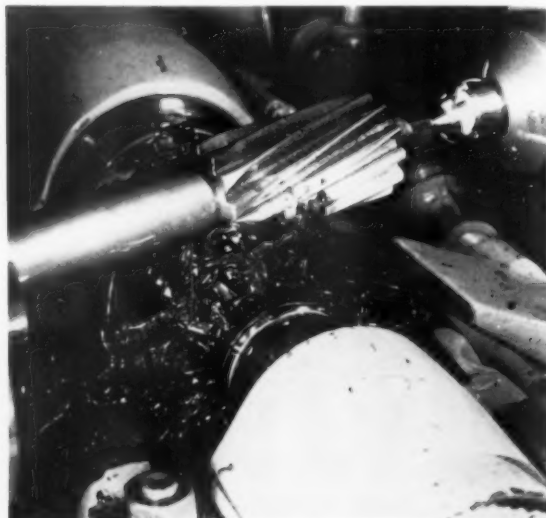


cool·uniform



METALWORKING COMPOUNDS

For tool or die lubrication . . . to keep your jobs running cool, reduce tool wear, and improve surface finish . . . there's a Stuart metalworking lubricant offering uniform quality . . . controlled by continuous sampling, time-tested formulation, and high materials standards. This means fewer "trouble jobs," higher productivity, lower tool lubrication cost. Your Stuart representative can help select the right compound for your jobs.

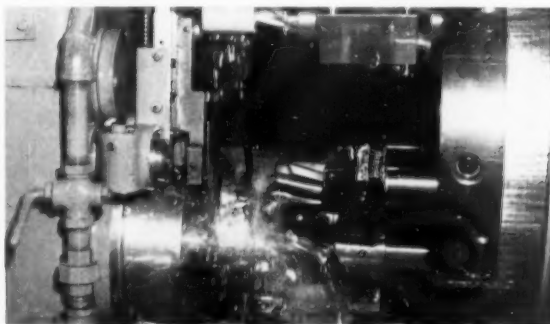


CONCENTRATES AND BASE OILS

Stuart's cutting oil concentrates and base oils are ThredKut, ThredKut 99, ThredKut X18 concentrates, SuperKool and Dascolene. These are widely used as additives by people who prefer blending their own oils.

ThreadKut products are dark-colored, sulfochlorinated mineral oils, which provide high chemical activity at low cost. Often they are used "straight" for tough tapping, threading, and broaching jobs — difficult to machine steels and high alloy materials.

SuperKool and **Dascolene** base oils are light-colored, sulfochlorinated fatty oils, normally blended with a light viscosity mineral oil for cutting and grinding. Heavy-duty drawing and stamping also are done with base oils of this type. May be used straight or blended with mineral oils.



BALANCED CUTTING OILS

SpeedKut, SuperKool, and Dascolene are ready-to-use blends of Stuart concentrates and base oils — balanced as to antiweld, lubricity, and viscosity requirements. There's a balanced blend for high-speed tapping and threading, gear shaping, gear hobbing, automatic screw machines, and critical turning, drilling, milling, and boring operations requiring straight oils.



WATER-MIX CUTTING AND GRINDING FLUIDS

KleenKut Soluble Oil is a conventional emulsifiable mineral oil for rough turning, milling, drilling, and lathe operations.

Dasco 200 and Dasco Super Soluble Base have sulfochlorinated fatty oil additives for heavy-duty machining of tough materials.

Solvool is a straight fatty oil type soluble offering very high lubricity. It is especially recommended for use with carbide tooling.

Codol is a translucent high-lubricity grinding compound, recommended for all types of grinding where high surface finish is desired.

Stuart's Hi-D, a highly transparent compound, is the latest advance in water-mix grinding and cutting fluids. Hi-D has gained wide acceptance for its improved detergency and excellent rust-inhibiting characteristics.



STRAIGHT OILS FOR GRINDING, HONING, AND POLISHING

Excelene, SuperKool 81X, ThreadKut 99 straight oil type grinding, honing, and polishing oils are balanced to meet specific job requirements. Give high surface finish, help maintain wheel form, control heat-checking on form grinding, thread grinding, gear grinding, honing, abrasive belt grinding and polishing, and other abrasive operations.



METAL FORMING OILS AND COMPOUNDS

Drawsol drawing and stamping compounds are manufactured in oil-soluble or water-soluble types to meet specific job requirements.

Thermex compounds are designed for high-temperature metal-forming operations, such as forging, extruding, and die casting.

Rol-Kleen oils are performance-proved lubricants for manufacturers of strip, sheet, and coil stock — may be used for rolling steel, stainless steels, brass, aluminum, and copper alloys.

Stuart Productive Lubrication

D. A. STUART OIL CO., LIMITED

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Blshop 7-7100

CANADIAN D. A. STUART OIL CO., LIMITED
P. O. Box 430, 43 Upton Road, Scarborough,
Ontario, Canada



LARGE LAMINATING TOOL

MADE AT 80% SAVINGS

using BAKELITE epoxy resin-glass cloth laminate

You gain two distinct advantages when tools are made with BAKELITE epoxy resins. Tools can be produced rapidly, and they result in substantial savings in cost.

The Tapco Group of Thompson Ramo Wooldridge, Inc., has dramatically proven the merits of epoxy laminate tooling. A parabolic shaped laminating tool—approximately 15 feet long and seven feet across—was made and placed in production in a minimum amount of time. In addition, it has a smooth and flawless surface, producing parts with no detect-

This Laminated Epoxy Resin-Glass Fiber Tool is used to shape sectors of a convex epoxy-glass part, each measuring about 14 by 6 feet. The low-cost tool was built of BAKELITE epoxy resins laminated with glass fibers by Cleveland Standard Pattern Works for the Tapco Group of Thompson Ramo Wooldridge, Inc.

able distortion. The company claims the epoxy-glass tool saved approximately four-fifths of the estimated cost of a laminating tool made from other materials.

If you are concerned about your present tooling expenses, investigate epoxy resin-glass fiber combinations. See your local technical representative, or write for information to Dept. BK-141, Union Carbide Plastics Company, Division of Union Carbide Corporation, 30 East 42nd Street, New York 17, New York.



BAKELITE and UNION CARBIDE are registered trade marks of Union Carbide Corporation.

For Cost-Cutting Ideas,

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SEIBERT

LINE

AUTOMATIC RE-CESSING TOOLS — feature master holder, interchangeable adapters, and two cam-follower pins for accurate, dependable performance.

MAGIC CHUCKS — feature quick-change, interchangeable collets and principles of construction for accuracy, convenience, and long life.

FLOATING HOLDERS — provide full float, quick tool changes, a variety of shank types and sizes, including an adjustable adapter shank.

SHUR-LOCK ADJUSTABLE ADAPTERS — built to GMC, Ford, Chrysler and ASA standards. Concentricity .002" TIR 6" from nose. Sturdy, dependable.

SPINDLE EXTENSIONS — provide individual spindle adjustment and extend or alter existing multiple setups without extensive retooling outlay.

DRIVERS — hardened, ground, precision built, concentric within .002". Made to automotive, ASA standards. All types and sizes.

BRACKET SPINDLE ASSEMBLIES — exclusive flat surface at outer end of arm permits adjustment without breakage. All parts precision machined and fitted for efficient operation.

UPPER AND LOWER DRIVE ASSEMBLIES — sliding shafts and sleeves of fine materials, ground for accurate fit. Keys and keyways held to close tolerances. Other important features, including Seibert Universal Joints.

SPINDLES, SPINDLE BRACKETS, ARMS — these units available for replacement or as original equipment. Sturdy design, accurately machined.

PINION DRIVE SHAFTS — upper drive shafts of alloy steel, carefully heat-treated. Ball ends prevent injury to threads.

SLIP-SPINDLES — for cluster-plate applications. Widely used on multiple-spindle drilling machines. Accurate, dependable.

UNIVERSAL JOINTS — aircraft type with alloy steel forks, center blocks, and pins . . . carefully heat-treated. Provision for maximum lubrication.



TOOL HOLDERS

You can depend on Seibert's skill and practical tooling experience for new ideas in production holding tools that offer cost-cutting advantages. In addition, you can be sure of fast, economical, direct-factory service. All holders are lot produced, and 100% inspected. They meet the exacting requirements of prominent machine-tool and other builders.

TOOL CONTROL BOARDS

The Seibert Tool Control System includes tool boards, cyclometers, and presetting gauges, all designed to suit your production requirements. Panels are subdivided into sections for each type of tool, and divisions are arranged as required, with space for sets of tools for each job. The system has many advantages in addition to the reduction of downtime.

SPINDLE EQUIPMENT

Seibert Bracket Spindle Assemblies, Slip Spindles, and their components are helping hundreds of machines maintain precise accuracy, whether the parts or assemblies are original equipment or replacements. Balanced design, precise machining, and careful heat-treating are some of the reasons. Seibert's specialization provides quick service, too.



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Quality MULTIPLE DRILL SPINDLES AND PRODUCTION TOOLS

A COMPLETE LINE OF BORING TOOLS FROM DAVIS

LARGEST AND MOST EXPERIENCED MANUFACTURER OF BORING TOOLS



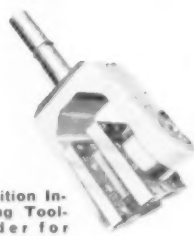
Precision Boring Bars

Standard sizes available. 3/4" to 7" dia. (larger available on request) with choice of block-type or flycutter slots, all types of shanks, and heat-treated or case-hardened finishes. Bars are available in stub and line types for both general-purpose and production work. Custom lengths and arrangements to meet all machining requirements.

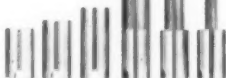
Micrometer-adjustable Stub Boring Tool Sets—in steel case complete with cutters and accessories. Bore range 3/8" to 8".



8-position Indexing Tool-holder for VTL & VBM.



Micrometer-Adjustable Fly-cutter Boring Tools—bore range 1-1/4" to 9" as required.



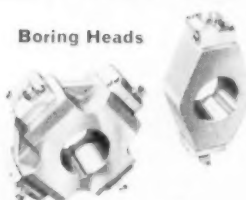
Boring Bars—for VBM and VTL—block tools or fly-cutter tools.

D-200

*Trade-marks

Boring Tools

Boring Heads



Two- and Four-Cutter Boring Heads—bore range to meet requirements.



Specials—26-cutter boring head illustrated.



Extension Boring Heads bore range 9-1/2" to 50" standard. Larger available on request.



Kwik-Size* Heads—rough, semi-finish, and finish with the same tool simply by indexing the cutters.



Continuous-Feed Facing Heads—4", 6", and 10" body diameters.

Accessories



Arbors and Sleeves—quick-change type, Morse taper type, adjustable draw key.



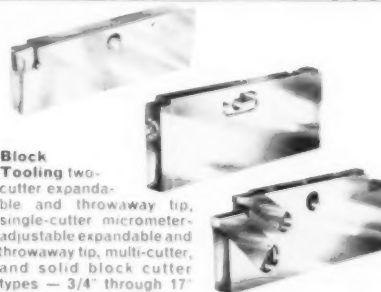
Tap-Saver* Tapping Head—Automatic torque control. Drills—reams—taps—spot-faces.



Tru-Plumb* machine aligning tool.



Car Wheel Boring Tools



Block Tooling two-cutter expandable and throwaway tip, single-cutter micrometer-adjustable expandable and throwaway tip, multi-cutter, and solid block cutter types—3/4" through 17" bore dia.



Davis maintains a staff of qualified tool engineers to develop the proper tooling for your boring requirements. Consult your local Davis representative or write direct to:

GIDDINGS & LEWIS MACHINE TOOL COMPANY
DAVIS DIVISION, Fond du Lac, Wisconsin

ELIMINATE PIPE THREADS AND "O"-RINGS BY SPECIFYING THE FLODAR PORT

J.I.C. STANDARD

COINABLE
"SELF-SEAT" CORNER

BEFORE

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GROWING INTO **MILLIONS**, Without A Leak

Inexpensive Tooling — Easy to Machine Ports

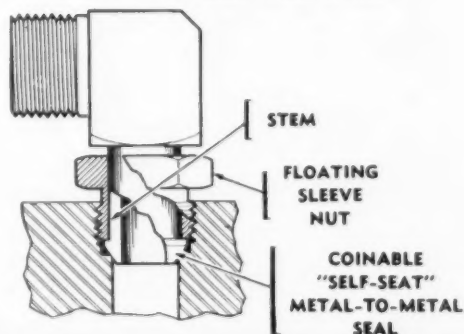
No precision machining is necessary. In most cases, the tooling is presently available in your tool crib.

1. Provides positive metal-to-metal seal . . . threads do not form the seal.
2. Can be resealed time after time without leakage.
3. No swing radius needed.
4. Tees & Elbows can be accurately aligned with tube run.
5. "O" rings and pipe threads completely eliminated.

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Easier to machine than other ports.

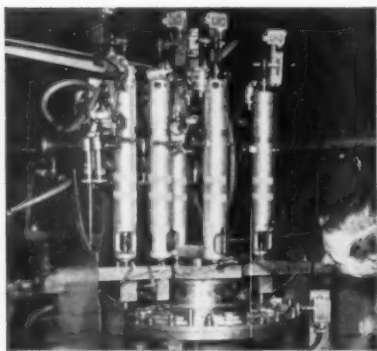
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FLODAR Corporation

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PRODUCTION AIR TOOLS CUT YOUR COSTS



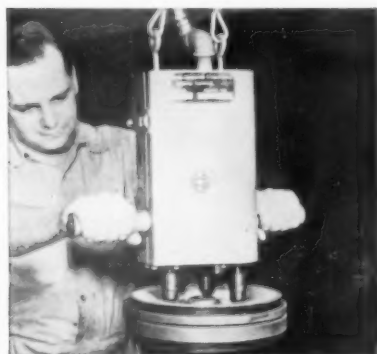
AIRFEEDDRILLS® for automatic, semi-automatic, portable or stationary drilling—at the touch of a button.



SCREW DRIVERS. Powerful units for fast, precision screw driving and nut setting. Highly versatile.



IMPACT WRENCHES. Powerful air impact wrenches hit harder . . . new impact mechanism lasts longer.



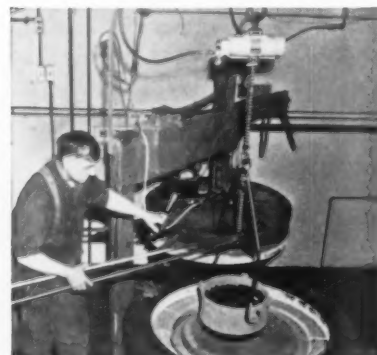
NUT SETTERS. Multiple-spindle units for high-production nut setting or screw driving.



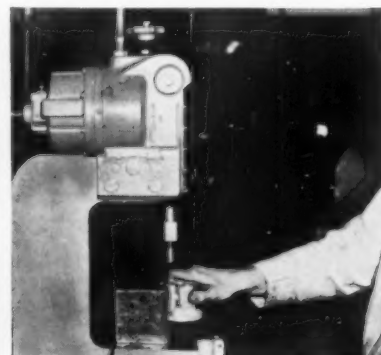
AIR DRILLS for drilling, polishing, routing and shaping. Highly versatile and interchangeable.



RATCHET WRENCHES solve tough nut-running jobs fast. Wide range of speeds and torques.



AIR HOISTS provide a swift, safe, steady lift. Nonsparking air motor can't burn out.



COMPRESSION RIVETERS provide a squeeze, not a wallop for riveting, punching, pressing, etc.

PLUS . . .

TAPPING MACHINES
AIR GRINDERS
CHIPPERS
SCALERS
AIR MOTORS
AIR TOOL ACCESSORIES

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11	24	37	50	63	76	89	102	115	128	141	154	167	180	193	
12	25	38	51	64	77	90	103	116	129	142	155	168	181	194	
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9	22	35	48	61	74	87	100	113	126	139	152	165	178	191	
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Airmatic Cylinders and Valves are doing more and more to guarantee the most dependable Automation. Easy to operate, yet compactly designed, they have the inherent ruggedness so necessary for grueling operating cycles. Available from stock, they assure minimum maintenance and

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3-Way
4-Way**



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Pilot
Operated**
1/4" - 3"



**2-Way
Direct
Solenoid**
1/4" - 2"



**2-Way
Cam
Controlled**
1/4" - 2"

CAM

• **FLOW**

• **FOOT**

• **HAND**

• **INTERLOCK**

• **PILOT**

• **SEQUENCE**

• **SOLENOID**

• **TIME DELAY**



**3-Way
Pilot
Operated**
1/8" - 1"



**3-Way
Cam
Controlled**
1/8" - 1"



**3-Way
Direct
Solenoid**
1/8" - 1"



**3-Way
Sequence
Time-Delay**
1/4" - 3/4"



**3-Way
Solenoid
Pilot**
1/4" - 1"

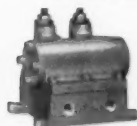


**Pressure
Regulator**

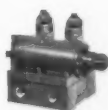


**Pipeline
Strainer**

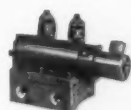
4-WAY MASTER VALVES



PILOT



CAM



SOLENOID

Base mounted with integral flow controls.
Standard pipe sizes: 1/4", 3/8", 1/2", 3/4"

**AIR CONTROL
VALVES**



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New items, specs,
engineering data,
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For more than 50 years, RED-E CENTERS have established high production records . . . maintained the machine's built-in accuracy . . . guaranteed micro-finish with positive roundness, solving turning and grinding problems in plants all over the world.

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450 SIZES, 20 BASIC DESIGNS TO CHOOSE FROM . . . the right center to do the right job!

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READY TOOL COMPANY
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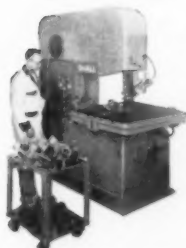
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Keep up with the important news that will save you time and money in your manufacturing operations! See all the new DoALL de-

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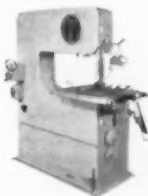
BAND SAWING

See the whole line-up of all-new machines—in a complete range of sizes and types. Throat capacities from 16" to 60", and priced to suit every need in the shop or on the production line.



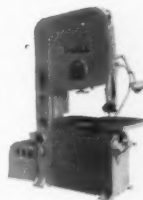
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—revolutionizes contour machining by employing high-speed steel saw bands, power feed table and inbuilt coolant system. Easily fixtured for duplicate part production.



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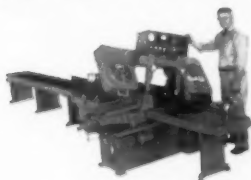
—versatile, low-cost unit for shop use —manually operated.



High-Speed Zephyr

—rugged, high-speed sawing machine for non-ferrous materials and friction sawing of ferrous metals.

CUT-OFF SAWING



DoALL Power Saws are the world's fastest cut-off machines employing high-speed steel saw bands. Available in low-cost manual models or full automatics with capacities up to 24".

SURFACE GRINDING



DoALL Surface Grinders range from low-cost manual units to hydraulic high-production models. They feature ease of operation with accuracy obtained directly from handwheel settings. Also available, a full line of accessories for cylindrical and form grinding operations.

Galaxy of New SAW BANDS

—to cut every metal and material.

Your DoALL Store carries the largest and most complete stock of sawbands—over 300 width-pitch-set combinations, 21 styles—in both carbon and high-speed steel; also diamond-edged and special types. Also available: a wide selection of file bands, grinding bands, polishing bands. Use your DoALL Store for your complete saw band service.



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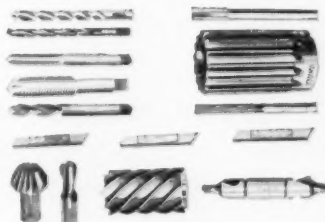


S-7A

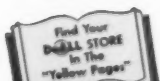
Most modern and complete line of precision measuring equipment including new stainless steel gage blocks, comparators, double-faced, reversible black granite surface plates, and inspection tools—all made to the highest quality standards.

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Let your local DoALL Store carry your tool inventory—assure quick delivery and lower costs on thousands of different items, both standard and special—all guaranteed. Ask also about DoALL precision ground tool and die steel, DoALL cutting fluids and other industrial supplies.



The **DoALL** Company, Des Plaines, Illinois



This is a typical DoALL Store

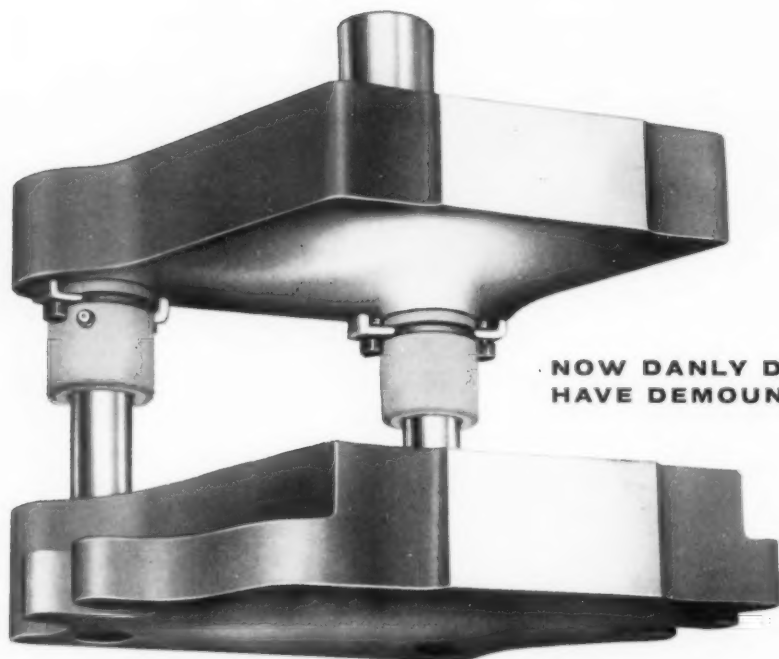
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June 15, 1960

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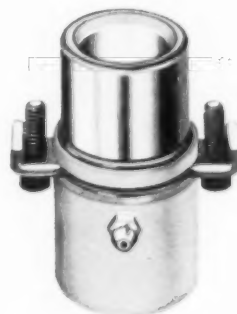


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FOR PROFITABLE PUNCH PRESS PRODUCTION

When the familiar orange and black U. S. Tool Proposal reaches your desk you are on the road to Punch Press Production that will please the most pessimistic.

There is no "high pressure" in a U. S. Proposal. Each one details our method of handling the material for the particular metal stamping project involved. You get the facts . . . you get the figures.

To insure positive Punch Press feeding, major press manufacturers often specify U. S. Feeds and U. S. Stock Straighteners as original equipment. They do so because they know that **Profitable** Punch Press Production depends upon the utmost efficiency, from coil stock to finished stamping.

Consider your present equipment — is it really set-up for **Profitable** Punch Press Production? If not, let us submit our PROPOSAL to help you achieve greater efficiency and economy in your stamping operations.

Send for Bulletins No. 85T and 151T.

Illustrated here are (reading from top to bottom): ACR-1642 U. S. Automatic Centralizing Reel; ACC-1648 U. S. Automatic Coil Cradle; SF-68A U. S. Slide Feed with Plain Straightener; PDS-16H U. S. Power Driven Straightener; PDSC-1648 U. S. Combination Cradle-Straightener.

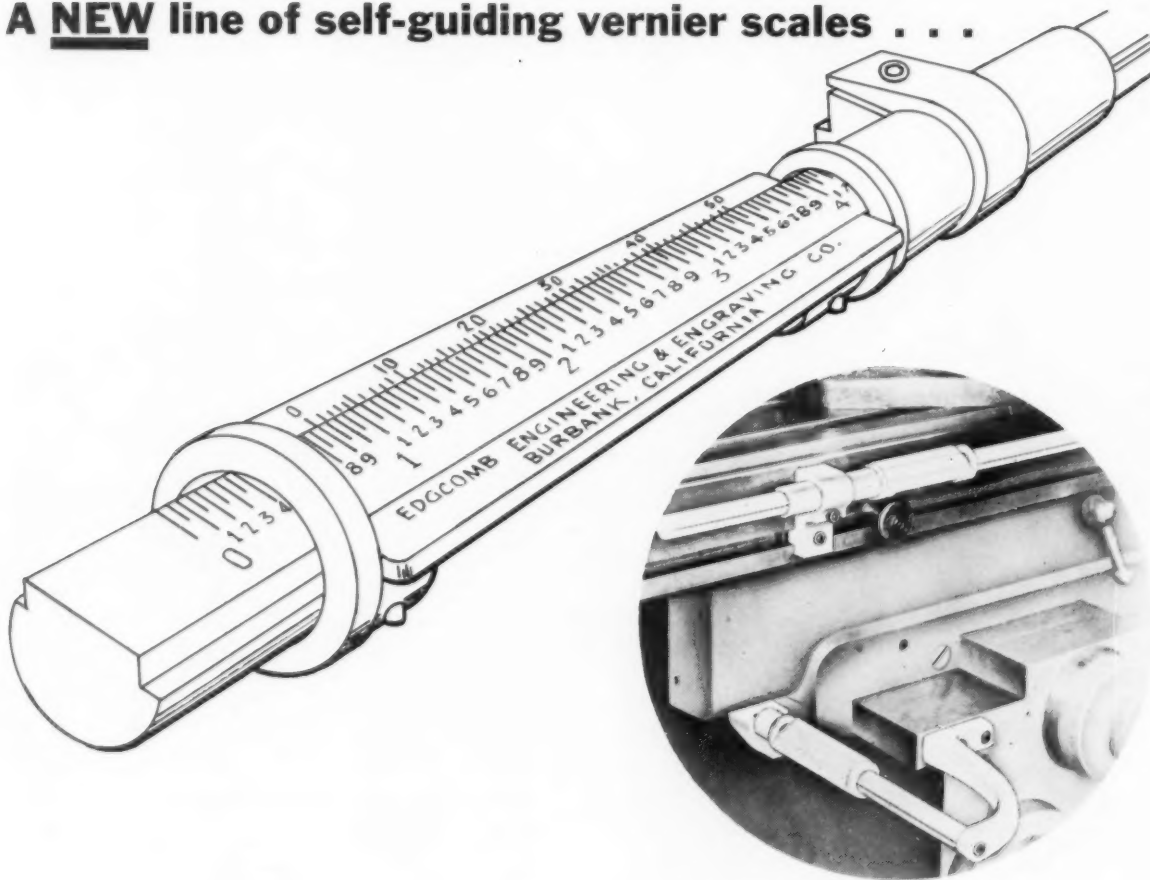


U. S. TOOL COMPANY, INC.

AMPERE (East Orange) N. J.

Evertrue

A **NEW** line of self-guiding vernier scales . . .

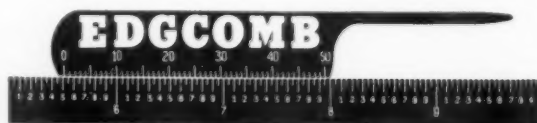


Quickly mounted on **any** machine—**Easy, direct, reading** tells **exact** table location at all times.

Precision graduations—**SIP engraved**—permanently guarantee **extreme** accuracy in **any** length—even over 100 inches—or 250 centimeters.

Switch to Metric and back to inches—in **minutes**—restore accuracy to older machines.

Accuracy that lasts—wear can **never change** that like-new precision—**Evertrue scales** will be ever true.

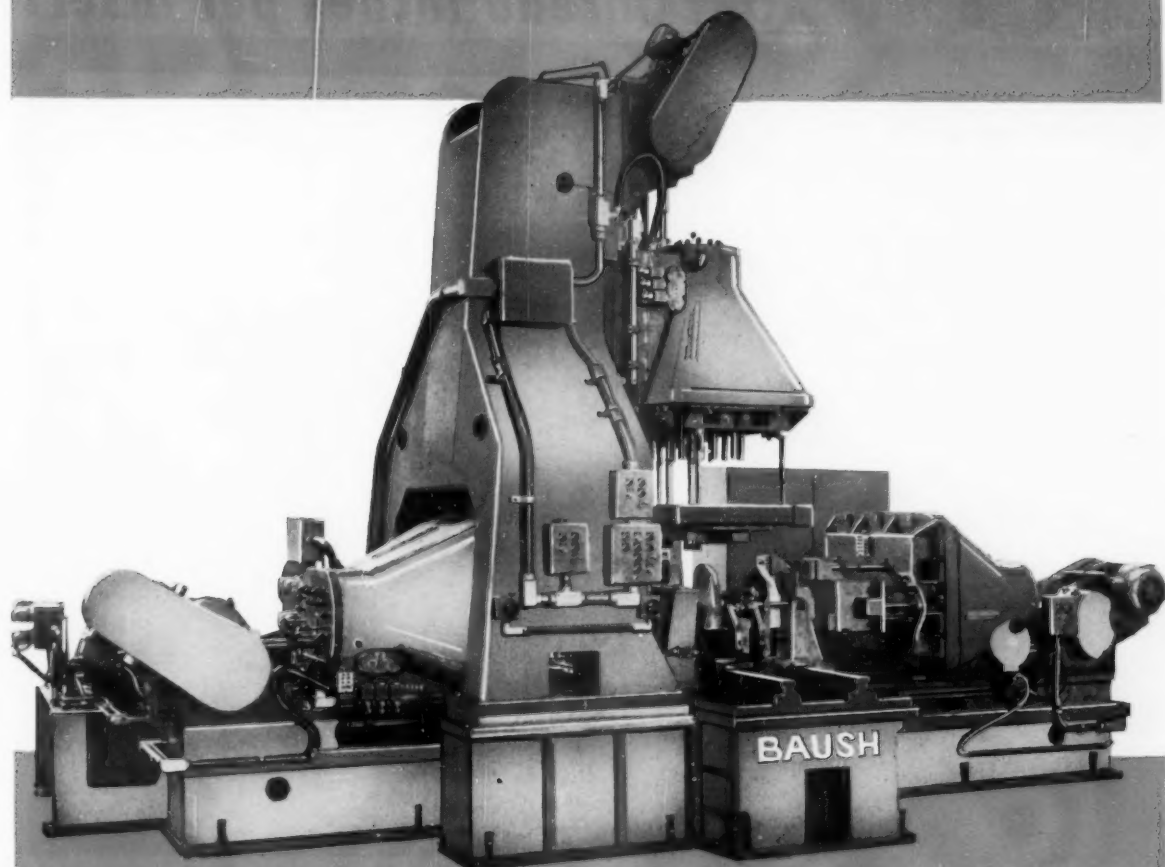


EDGCOMB ENGINEERING & ENGRAVING CO., 1105 N. HOLLYWOOD WAY, BURBANK, CALIF., TH. 8-4491

SPECIAL 3-WAY "H-15"

AUTOMATIC HYDRAULIC

WITH MULTI-SPINDLES FOR DRILLING AND REAMING TRACTOR PARTS



Baush specifically designed this single purpose machine to speed production for a leading tractor manufacturer. This "H-15" is unique in that by changing the hydraulic unit to a recirculating ball screw the machine becomes a 100% mechanical leadscrew machine.

Three 20" x 30" heads are bored and furnished with 24 spindle pinions, and all spindles are arranged for two (2) speeds and a neutral position. The heads have master-bored cluster plates with a total of 35 slip-sleeve spindles for drilling or reaming.

As illustrated, this machine has automatic hydraulic operation of fixture and slide.

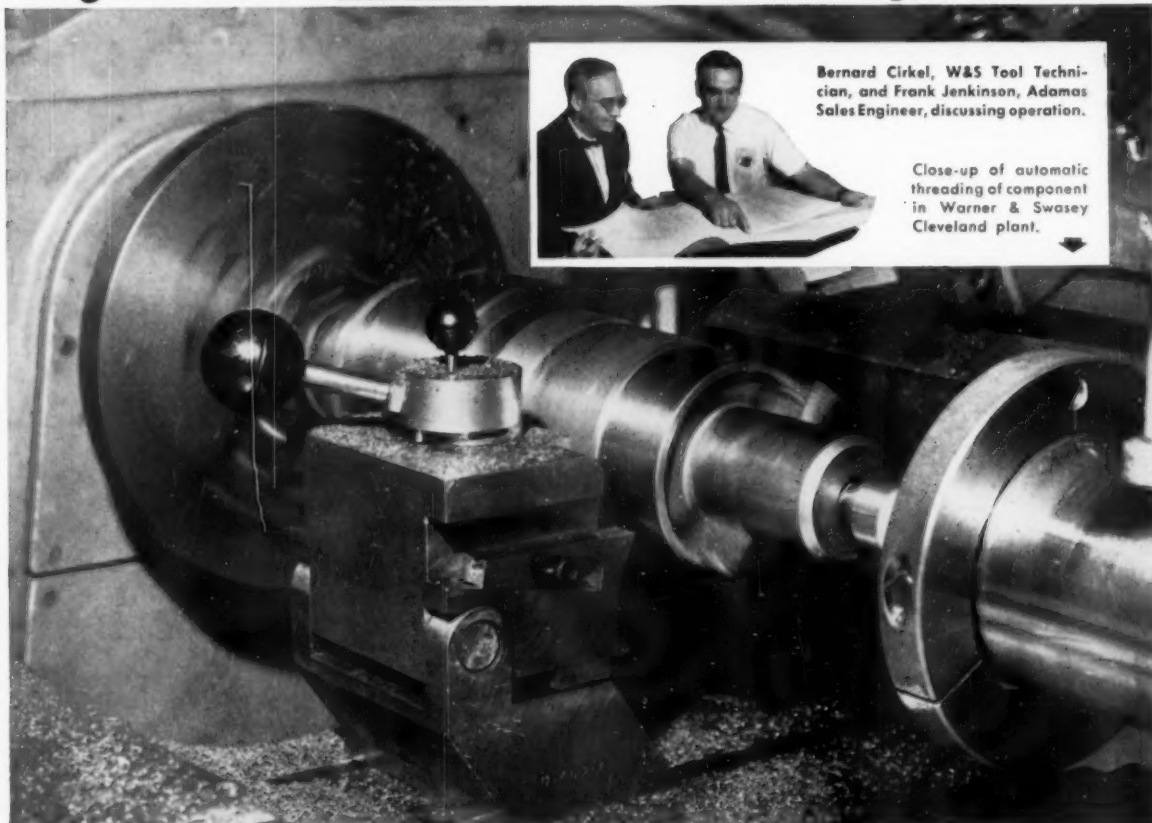
Electrical controls are all J. I. C. Standard, with three (3) of the motors being 15 HP and three (3) 5 HP.

Write for new brochure with complete specifications.

Sections, or all of this type machine are adaptable to working different parts in the future with a minimum of changeover.

B
BAUSH
MACHINE TOOL CO.
SPRINGFIELD 7, MASSACHUSETTS

ADAMAS CARBIDE HELPS WARNER & SWASEY CUT COSTS ...get 8000 MORE thread inches per insert



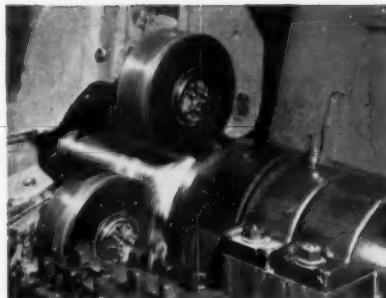
Bernard Cirkel, W&S Tool Technician, and Frank Jenkinson, Adamas Sales Engineer, discussing operation.

Close-up of automatic threading of component in Warner & Swasey Cleveland plant.

■ Warner & Swasey has chosen Adamas Grade CC throwaway inserts to cut threads on components such as spindles and shafts. Until recently they produced 10,000 inches of thread per insert. After setting up their tools with triangular Adamas Grade CC throwaways (TB12P20), their output increased to 18,000 inches per insert.

On SAE 1050 and SAE 4140 steel stock 2" to 6" OD, at 450 and 500 sfpm, W&S cuts 12 and 16 pitch std threads 1" to 4" long. The operation is a completely automatic cycle—15 passes (approximately .0035" depth per pass) per thread.

Cost-saving performances are typical of Adamas products . . . for complete information or on-the-job assistance, write: Dept. 311.



In another Adamas application at W&S, Grade 548 is used in trepanning spindle holes.

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Tungsten Carbide Tools,
Tool Tips,
Dies, Wear Parts,
Dex-A-Tool



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KENILWORTH, NEW JERSEY

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Branson ultrasonic equipment embodies nearly a decade and a half of active experience in industrial ultrasonics. It is engineered for its job, backed by a nationwide network of experienced specialists.

SONORAY® pulsed Ultrasonic Flaw Detectors probe every kind and shape of metal — find voids in **castings**, laminations in bonded **sheets**, cracks in **rods**, inclusions in **welds** — in fact practically any discontinuity large enough to be of interest. They work quickly, accurately, nondestructively, in every recognized pulse-inspection technique. **Bulletin T-200.**

VIDIGAGE® Ultrasonic-resonance Thickness Gages check dimensions of work-in-progress $\pm 1\%$ and closer — extrusions, milled parts, tubing, plates, castings. Its utility is extended by gating circuits, continuous recorders, extension cables up to 1000 feet, and other accessories. Direct-reading screens on CR tubes of both 14" and 21" models. **Bulletin V-200.**

AUDIGAGE® portable self-powered Ultrasonic-resonance Thickness Gages supplement the **VIDIGAGE**® for field work where accuracies of 1-to-3% are adequate. Standard Model 5 and new miniaturized Model 6 are described in **Bulletin A-200.**

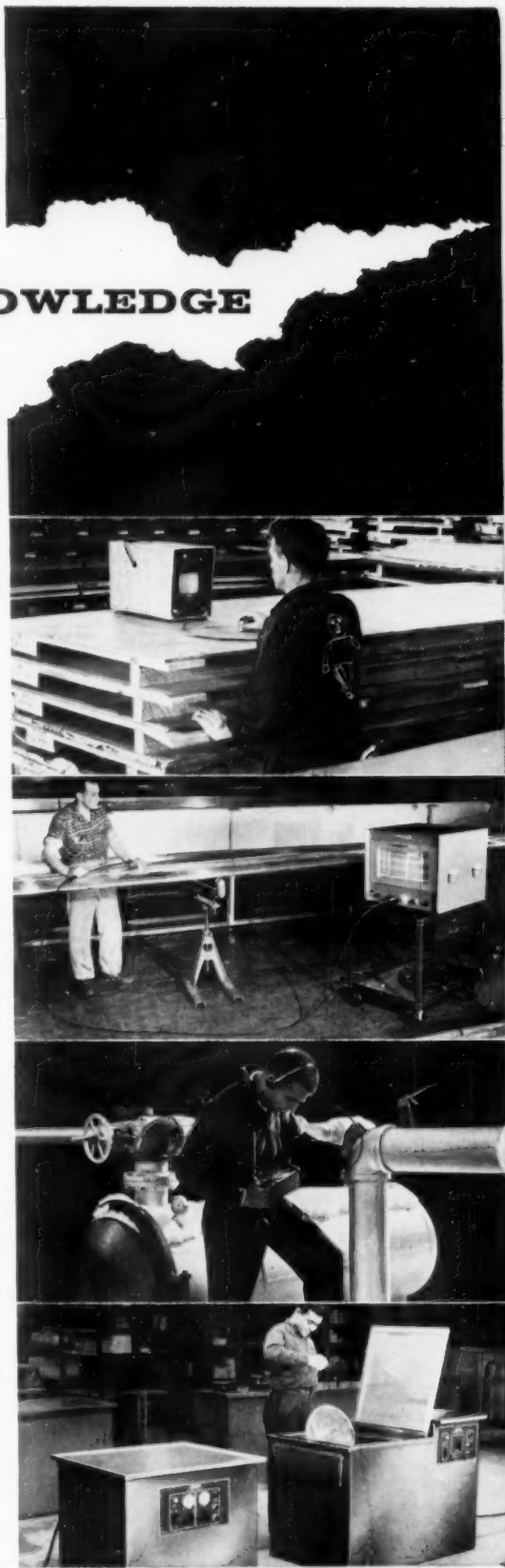
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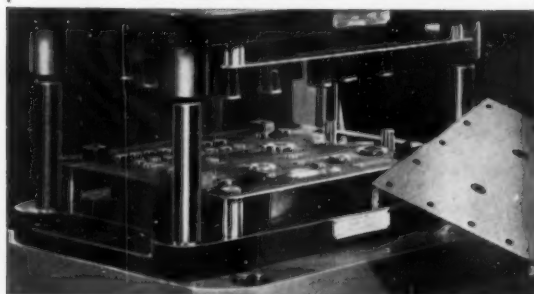
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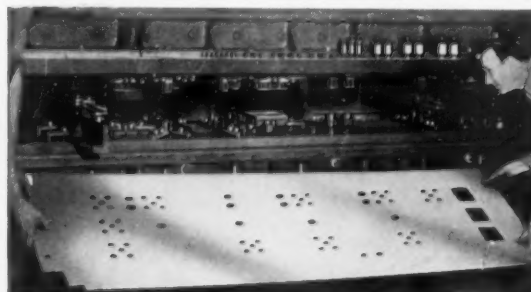
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AIR IMPACTTOOL
An I-R Exclusive

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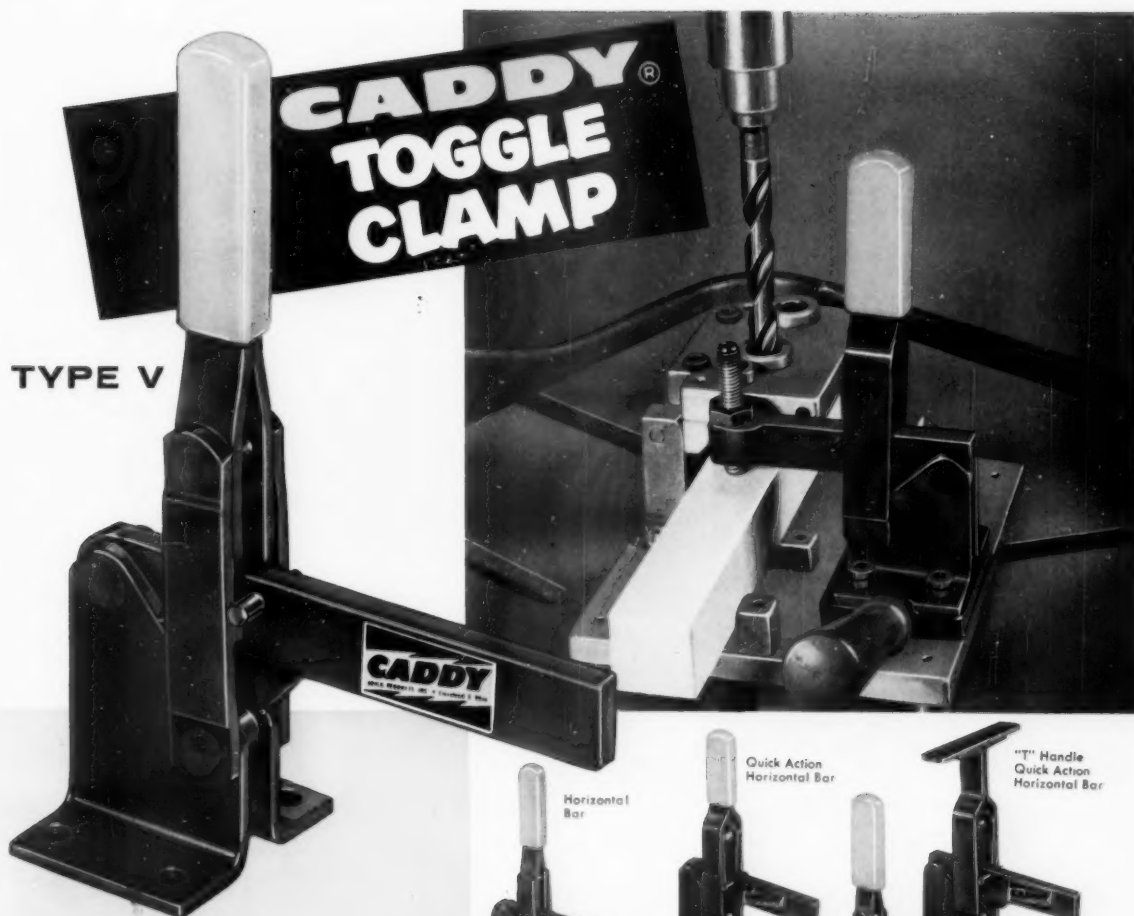
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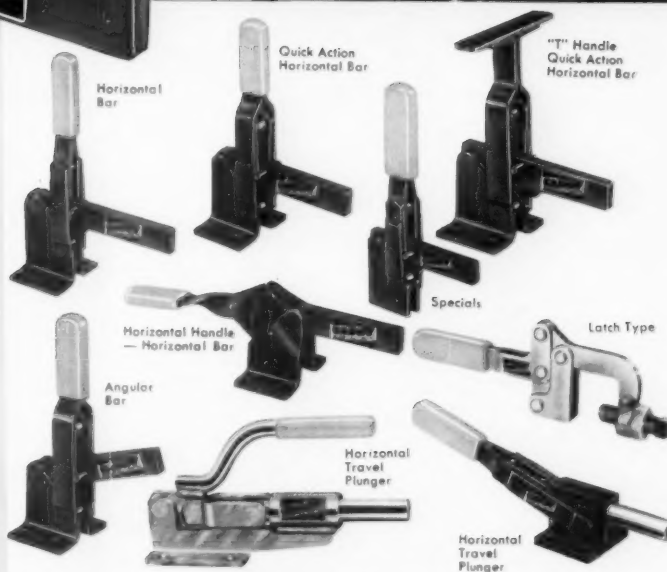
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CADDY Type V Toggle Clamps feature all welded construction. Four sizes are available with clamping pressures from 800 lbs. to 2,000 lbs. Built to outlast any clamp on the market. Clamps have black finish with yellow plastic handles. Bolt retainer is furnished with each clamp.

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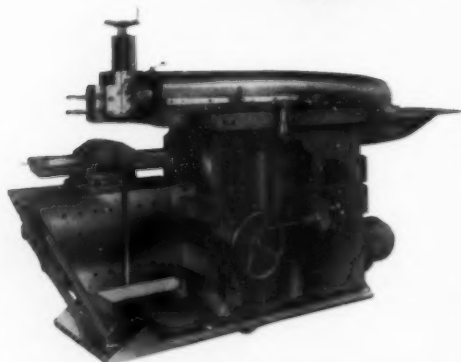
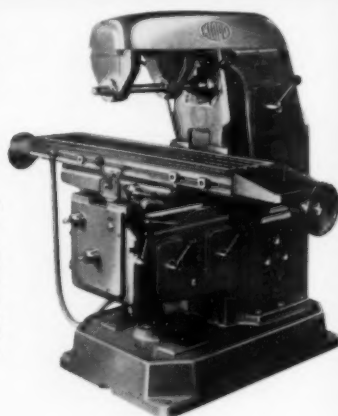
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We've carefully chosen the finest machine tools from the West German manufacturers. These tools are produced with the highest standards of German precision craftsmanship; they are therefore rugged, versatile, and a joy to handle.



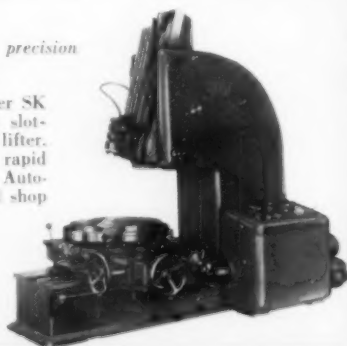
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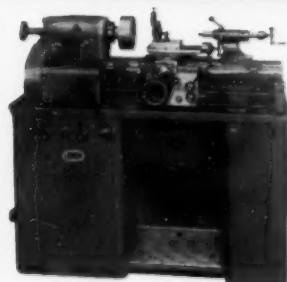
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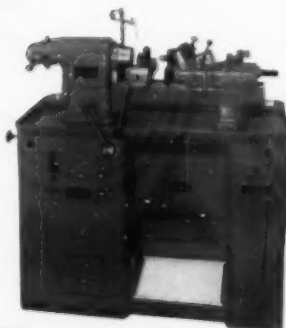
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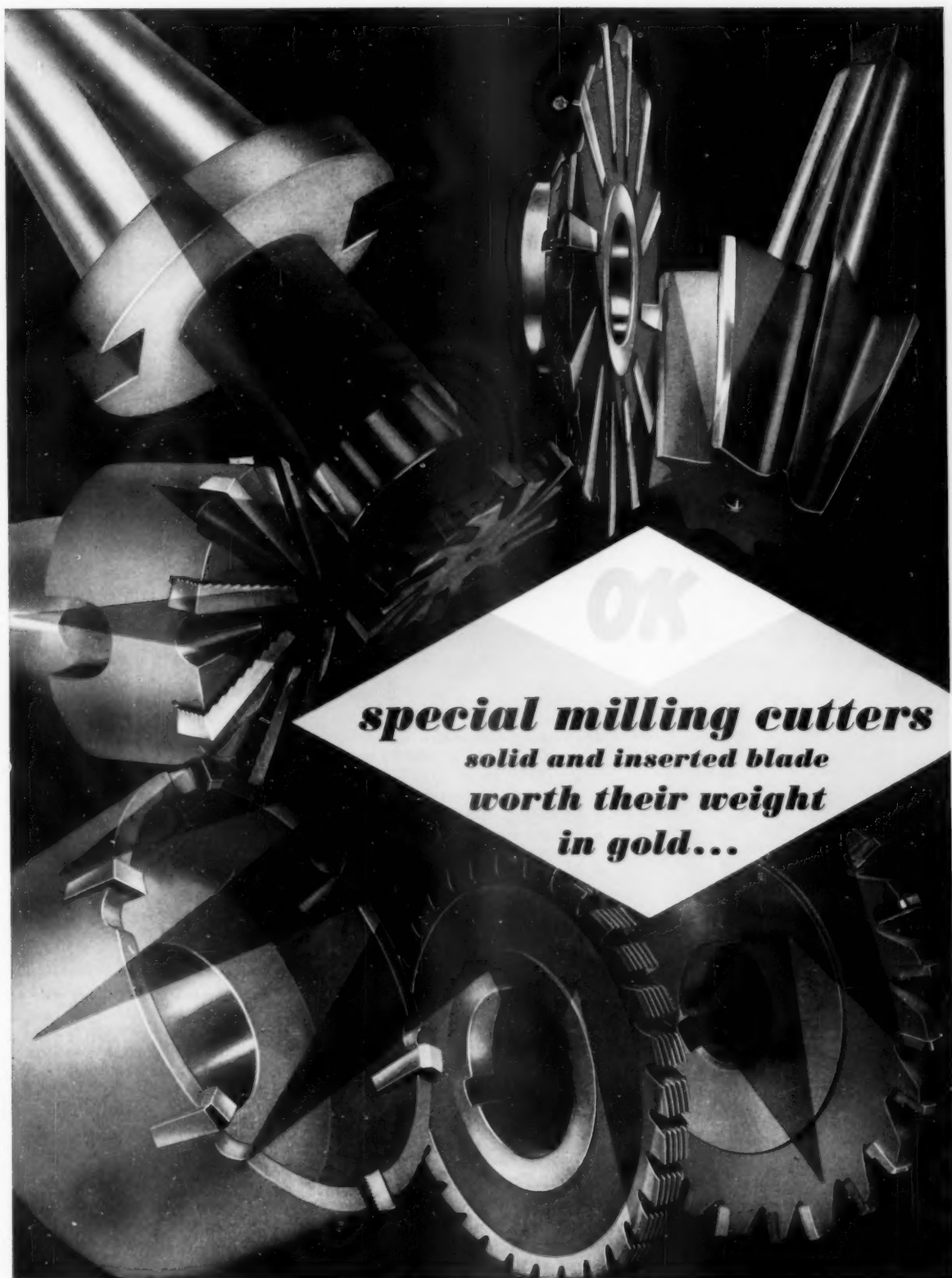
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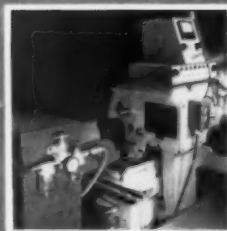
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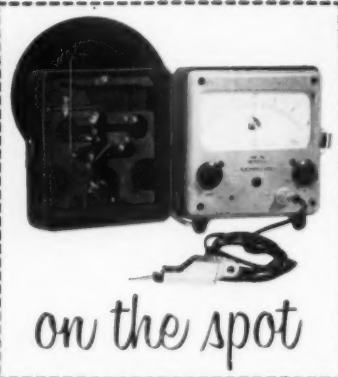
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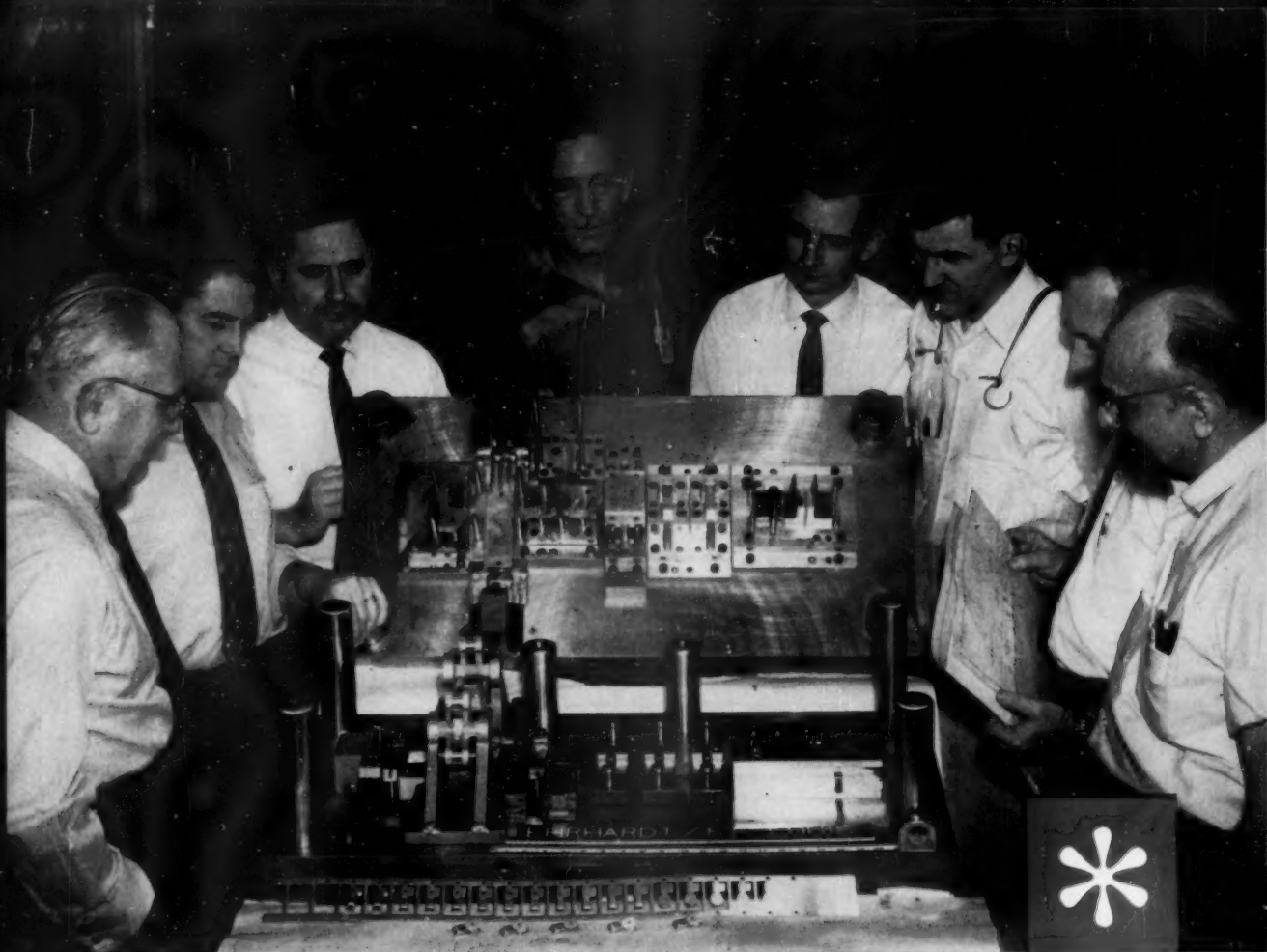
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You can do this by visiting the Ehrhardt plant, and you are cordially invited to do so. In the meantime, write for a copy of **TRIPLE PLUS** (the three pluses: "Precision Skills, Full-Range Facilities, Unique Experience"), a twenty-four page illustrated brochure which will convince you why knowing these tooling specialists can be worth your while.

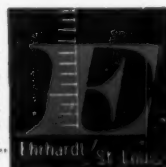
Ehrhardt Tool & Machine Company

914 Monroe Street, St. Louis 6, Mo.



EHRHARDT/ST. LOUIS PLANNING COMMITTEE—left to right: Willis G. Ehrhardt, president; Charles Hawkins, general manager; Bud Graser, sales engineer; Ed Deuser, shop foreman; Joe Poletti, chief tool designer; Cal Woodall, toolmaker; Bill F. Boyd, purchasing agent, and Ed Humm, shop superintendent.

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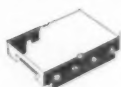
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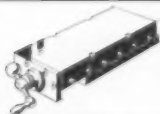
HEAVY DUTY
BASIC TYPE



LIGHT DUTY
TYPE WITH
RETURN SPRING



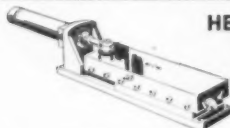
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MICROMETER
STOP TYPE



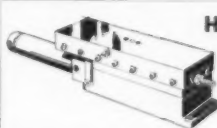
LIGHT DUTY
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TYPE



HEAVY DUTY
LEAD SCREW
TYPE



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(in-line
mount)



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POWERED
(lower
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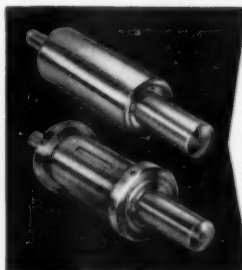
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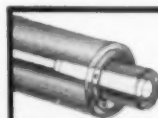
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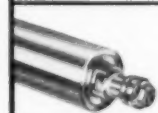
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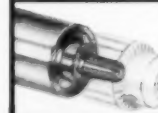
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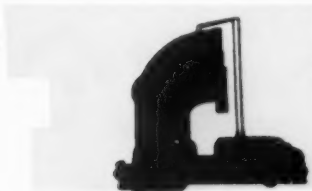
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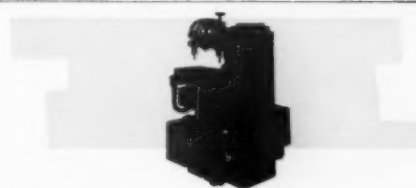
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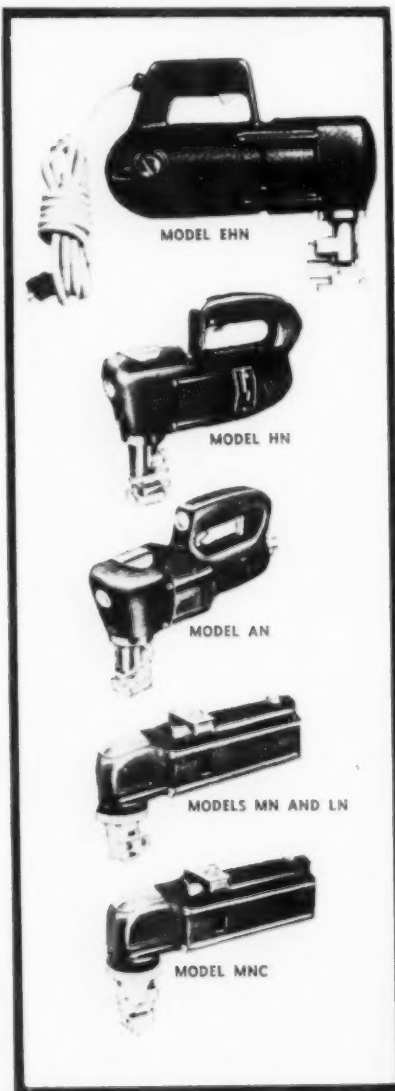
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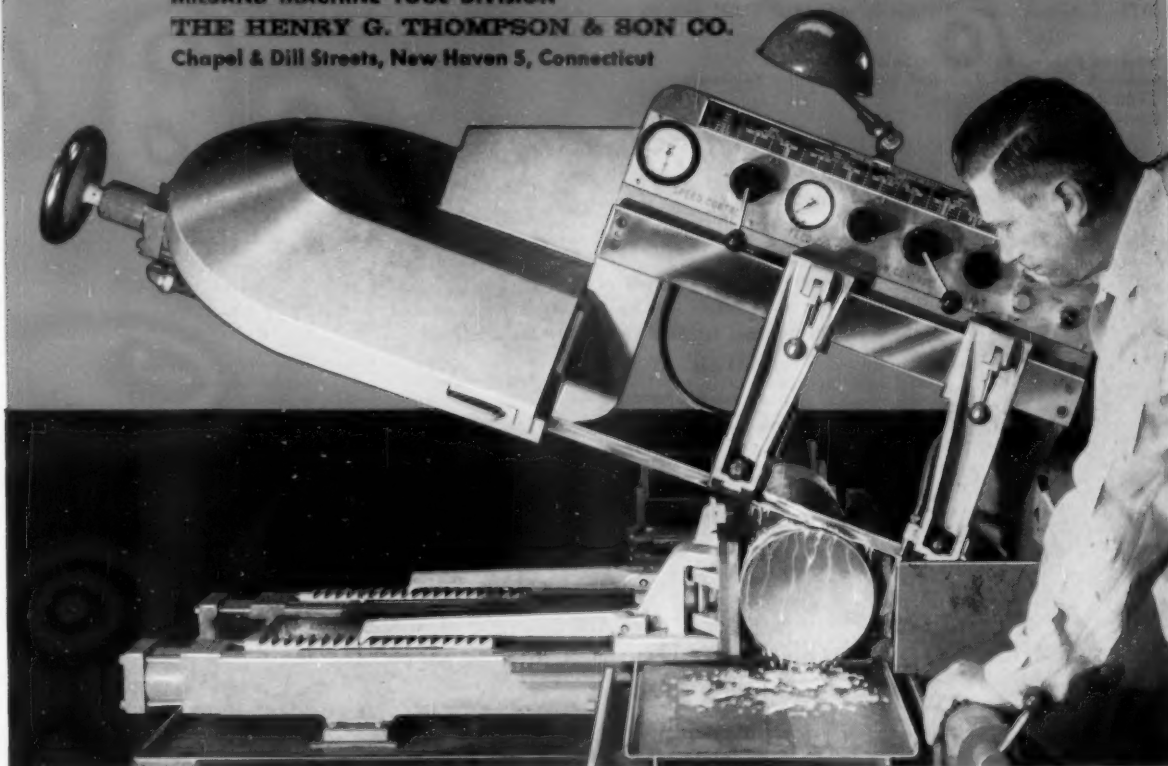
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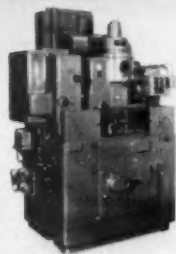
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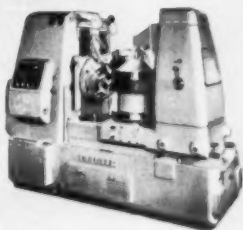
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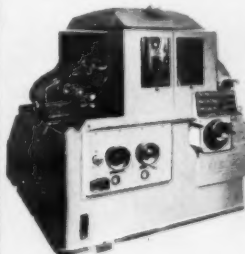
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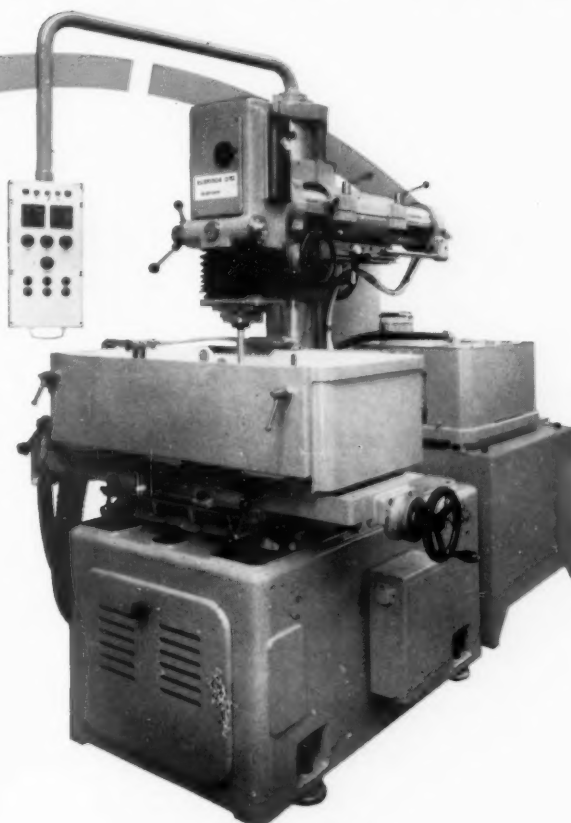
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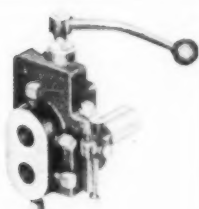
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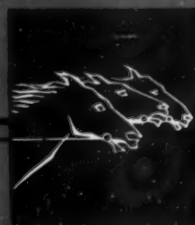
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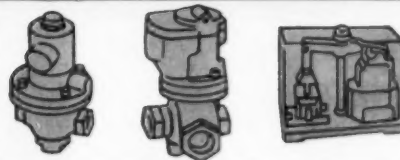


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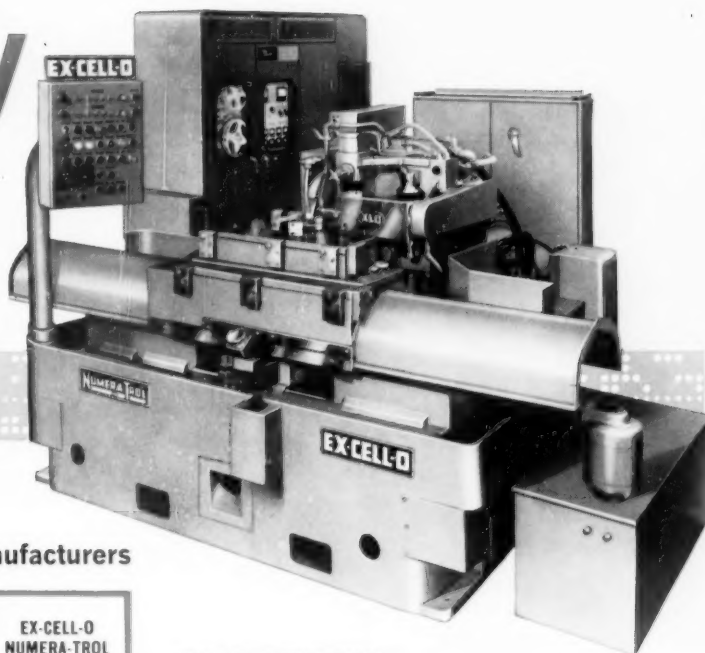
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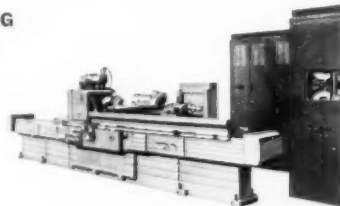


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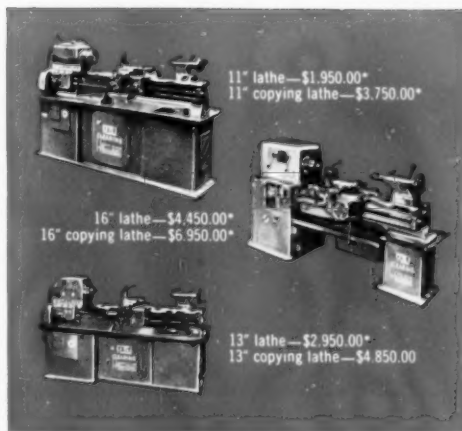


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